Vol. XVII DECEMBER, 1933 No. 2

THE HAMILTON COLLEGE BULLETIN

ANNUAL CATALOGUE

ONE HUNDRED AND TWENTY-SECOND YEAR

1933 - 1934

CLINTON, N.Y.
PUBLISHED BY THE COLLEGE
1933

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Published by the College four times a year, in November, December, April, and July. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized September 11, 1918

Every alumnus is urged to remember the College in his will and to use his influence to persuade others to include a gift to the College in their wills.

A suitable form of bequest to the College may be as follows:

> I give, devise, and bequeath to the Trustees of Hamilton College at Clinton, New York, the sum of.....dollars ($.....) (or other property described).

COLLEGE CALENDAR

First Semester, 1933-1934

1933

Sept.	18-20	Monday to Wednesday, Entrance Examinations.
Sept.	19-20	Tuesday and Wednesday, Registration of all Classes.
Sept.	20	Wednesday, 5 p. m., New Undergraduates meet the Dean in the Chapel.
Sept.	21	Thursday, 8:30 a. m., Beginning of the Academic Year.
Sept.	23	Saturday, 2 p. m., Entrance Examinations in Science.

Thanksgiving Recess, from November 29, Wednesday, 4:30 p. m., to December 1, Friday, 1:30 p. m.

Christmas Recess, from December 21, Thursday, 4:30 p. m., to January 5, Friday, 8 a. m.

1934

Jan.	22-31	Semester Examinations.

Second Semester

Feb.	5	Monday, 8 a. m., Beginning of the Second Semester.
Feb.	22	*Thursday, Washington's Birthday.*

Spring Recess, from March 30, Friday, 4:30 p. m. to April 10, Tuesday, 8 a. m.

Apr.	14	Saturday, before 12 o'clock noon, Prize Orations, Theses, and Essays due.
May	23	Wednesday, Submission of Elective Choices. McKinney Prize Debate, 8 p. m.

May	30	*Wednesday, Memorial Day.*
June	2	Saturday, Brandt Prize Examination in German. Tompkins Prize Examination in Mathematics. Underwood Prize Examination in Chemistry.
June	4-13	Semester Examinations.
June	13	Wednesday, Final Chapel. Announcement of the Honors and Prizes of the Year.

COMMENCEMENT WEEK

June	15	Friday, Meeting of the Board of Trustees, 3 p. m. McKinney Prize Declamation Contest, 4 p. m. The Charlatans' Dramatic Exhibition, 8:15 p. m.
June	16	Saturday, Alumni Day. Meeting of the Society of Alumni, 10:30 a. m. Class Reunions, 12:30 p. m. The President's Reception, 4-6 p. m. Clark Prize Exhibition, 7:30 p. m.
June	17	Sunday, Baccalaureate Service, 10:30 a. m.
June	18	Monday, 122nd Commencement.

Summer Vacation of Thirteen Weeks.

FIRST SEMESTER, 1934-1935

Sept.	17-19	Monday to Wednesday, Entrance Examinations.
Sept.	18-19	Tuesday and Wednesday, Registration of all Classes.
Sept.	19	Wednesday, 5 p. m., New Undergraduates meet the Dean in the Chapel.
Sept.	20	Thursday, 8:30 a. m. Chapel, Beginning of the Academic Year.
Sept.	22	Saturday, 2 p. m., Entrance Examinations in Science.

Thanksgiving Recess, from November 28, Wednesday, 4:30 p. m., to November 30, Friday, 1:30 p. m.

Christmas Recess, from December 22, Saturday, 12:30 p. m., to January 7, Monday, 8 a. m.

1935

Jan.	21-30	Semester Examinations.
Feb.	4	Monday, 8 a. m., Beginning of the Second Semester.

THE TRUSTEES

	ELECTED	TERM
HON. ELIHU ROOT, D.C.L., LL.D., Clinton, *Chairman*	1883	
HENRY H. BENEDICT, LL.D., New York.....	1897	
CHARLES B. ROGERS, LL.D., Clinton.....	1899	
SAMUEL F. ENGS, A.B., New York.....	1904	1938
REV. ROBERT G. MCGREGOR, D.D., New Rochelle.	1910	1938
REUBEN LESLIE MAYNARD, A.M., New York....	1910	1938
JOSEPH RUDD, PH.B., Clinton.....	1910	1938
WILLIAM M. BRISTOL, A.B., New York.....	1912	1940
DANIEL BURKE, A.M., New York.....	1913	1934
PRES. FREDERICK C. FERRY, PH.D., SC.D., J.U.D., LL.D., Clinton.....	1917	
ROBERT D. FRASER, A.B., New Hartford.....	1921	1935
HARRY G. KIMBALL, A.M., New York.....	1922	1936
CHARLES A. MILLER, L.L.D., New York.....	1923	1937
JOHN L. STRICKLAND, A.B., Carthage.....	1923	1937
ELIHU ROOT, JR., A.M., New York	1924	1938
C. WILLARD RICE, A.B., Geneva.....	1924	1938
CLARK H. MINOR, PH.B., New York.....	1927	1934
NEILE F. TOWNER, A.B., Albany.....	1927	1934
FREDERIC P. WARFIELD, A.B., New York.....	1928	1935
JAMES A. CHRESTENSEN, A.B., Franklinville....	1929	1936
LOUIS J. EHRET, PH.M., New York.....	1929	1936
FLOYD M. WILLS,* PH.B., Buffalo.....	1930	1934
EVERETT K. VANALLEN,* PH.M., Rochester....	1931	1935
EDWARD R. EVANS, M.D., Utica.....	1932	1939
GEORGE L. ABBOTT, PH.B., Palmyra.....	1932	1939
HON. WILLIAM F. DOWLING,* A.B., Utica.....	1932	1936
ALBERT A. GETMAN,* M.D., Syracuse.....	1933	1937
STANLEY E. GILBERT, PH.B., Utica.....	1933	1940

* Elected by the Alumni of the College.

COMMITTEES OF THE TRUSTEES

Executive Committee: MESSRS. FERRY, ROGERS, RUDD, FRASER, MILLER.

Ways and Means: MESSRS. BURKE, BENEDICT, ENGS, MAYNARD, BRISTOL, KIMBALL, WARFIELD.

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Laboratory, Museum, and Apparatus: MESSRS. ENGS, STRICKLAND, RICE, CHRESTENSEN, EVANS.

Library: MESSRS. MCGREGOR, BENEDICT, KIMBALL, MINOR. EHRET.

Degrees: MESSRS. FERRY, MCGREGOR, TOWNER, WILLS DOWLING.

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College Growth: MESSRS. FRASER, WARFIELD, CHRESTENSEN, VANALLEN, ABBOTT.

Finance: MESSRS. BURKE, FERRY, MILLER, ROOT, JR., MINOR.

Health and Hygiene: MESSRS. EVANS, VANALLEN, GETMAN.

Treasurer

CHARLES B. ROGERS, LL.D.
First Citizens Bank and Trust Co., Utica, N. Y.

OFFICERS OF INSTRUCTION*

FREDERICK CARLOS FERRY.....*President of the College and Professor of Mathematics.*
A.B., Williams, 1891; A.M., Williams, 1894, and Harvard, 1895; Ph.D., Clark, 1898; Sc.D., Colgate, 1909; J.U.D., Hamilton, 1917; LL.D., Williams, 1917, and George Washington, 1921.

ALBRO DAVID MORRILL.*Stone Professor of Biology, Emeritus.*
B.S., Dartmouth, 1876; M.S., 1879; Sc.D., Colgate, 1926.

SAMUEL J. SAUNDERS.....*Professor of Physics, Emeritus.*
A.B., Toronto, 1888; A.M., 1893; D.Sc., Cornell, 1894.

ARTHUR PERCY SAUNDERS.....*Childs Professor of Agricultural and of General Chemistry.*
A.B., Toronto, 1890; Ph.D., Johns Hopkins, 1894.

WILLIAM PIERCE SHEPARD.....*Burgess Professor of the Romance Languages and Literatures.*
A.B., Hamilton, 1892; A.M., 1893; Ph.D., Heidelberg, 1896.

EDWARD FITCH.....*Edward North Professor of Greek.*
A.B., Hamilton, 1886; Ph.D., Göttingen, 1896.

JOSEPH DARLING IBBOTSON..*Librarian; Instructor in Hebrew.*
A.B., Hamilton, 1890; A.M., 1894.

CALVIN LESLIE LEWIS.....*Upson Professor of Rhetoric and Oratory.*
A.B., Hamilton, 1890; A.M., New York University, 1901.

CLEVELAND KING CHASE..*Benjamin-Bates Professor of Latin.*
A.B., Oberlin, 1891; A.M., 1896; Litt.D., Colgate, 1919.

*Arranged in the order of appointment to rank.

FRANK HUMPHREY RISTINE.....*Hamilton B. Tompkins Professor of English Literature; Dean.*
A.B., Wabash, 1905; A.M., Columbia, 1907; Ph.D., 1910; L.H.D., Wabash, 1933.

MILLEDGE LOUIS BONHAM, JR.....*P. V. Rogers Professor of History.*
B.Litt., Furman, 1900; A.M., Columbia, 1910; Ph.D., 1911.

HORACE SEELY BROWN.....*Professor of Mathematics; Clerk of the Faculty.*
B.S., Lafayette, 1899; M.S., 1905.

WILLIAM MASSEY CARRUTH..*Pratt Professor of Mathematics.*
A.B., Cornell, 1901.

NELSON CLARKE DALE.....*Professor of Geology.*
B.S., Middlebury, 1903; A.M., Brown, 1909; Ph.D., Princeton, 1914.

ALBERT IRA PRETTYMAN....*Director of Physical Education.*
International Y. M. C. A. College, Springfield, 1906; B.P.E., 1927.

EDWARD FRANKLIN HAUCH.....*Professor of the German Language and Literature.*
A.B., Toronto, 1907; A.M., Columbia, 1909; Ph.D., 1916.

ROBERT BARNES RUDD.....*Professor of English Literature.*
A.B., Hamilton, 1909; B.A., Oxford, 1912; A.M., Hamilton, 1913.

DONALD BLYTHE DURHAM....*Professor of Latin and Greek.*
A.B., Princeton, 1905; A.M., 1906; Ph.D., 1911.

WALTER NORTON HESS.....*Stone Professor of Biology.*
A.B., Oberlin, 1913; A.M., Cornell, 1916; Ph.D., 1919.

FRANCIS LESTER PATTON.....*Professor of Economics.*
A.B., Ohio State, 1913; B.A., Oxford, 1916; M.A., 1919; Ph.D., Columbia, 1926.

PAUL ADEE FANCHER.....*Professor of English.*
A.B., Amherst, 1910; A.M., Columbia, 1916.

BERRIAN RANKIN SHUTE..*Professor of Music Appreciation.*
Institute of Musical Art, New York, 1910-16.

JEAN MARIUS GÉLAS.....*Director of Physical Education.*
École Normale Militaire d'Escrime et de Gymnastique, Joinville-le-Pont, France, 1898-1902.

WILLARD BOSTWICK MARSH.....*Professor of English Composition and Public Speaking.*
A.B., Hamilton, 1912; A.M., 1915; A.M., Princeton, 1917.

ARTHUR RALPH WINTERS....*Director of Physical Education.*
A.B., Oberlin, 1923; A.M., New York University, 1930.

RALPH CLEWELL SUPER.....*Associate Professor of Spanish, French, and German.*
A.B., Ohio University, 1895; Diploma, Grenoble, 1899.

WALTER HERMAN CARL LAVES.....*Associate Professor of Political Science.*
Ph.B., Chicago, 1923; Ph.D., 1927.

BOYD CRUMRINE PATTERSON.....*Associate Professor of Mathematics.*
A.B., Washington and Jefferson, 1923; A.M., Johns Hopkins, 1925; Ph.D., 1926.

GEORGE HARVEY CAMERON...*Associate Professor of Physics.*
B.Sc., Saskatchewan, 1922; Ph.D., California Institute of Technology, 1926.

EDGAR BALDWIN GRAVES....*Associate Professor of History.*
A.B., Haverford, 1919; A.M., 1922; Ph.D., Harvard, 1929.

ASA EMANUEL MCKINNEY.*Associate Professor of Chemistry.*
A.B., Indiana, 1914; A.M., 1915; Ph.D., Cornell, 1923.

MOX ARTHUR WEBER.....*Associate Director of Physical Education.*
A.B., Oberlin, 1925; A.M., Columbia, 1931.

EARL ORLO BUTCHER.....*Associate Professor of Biology.*
A.B., DePauw, 1925; A.M., Cornell, 1926; Ph.D., 1928.

GEORGE LYMAN NESBITT....*Associate Professor of English.*
A.B., Hamilton, 1924; A.M., Columbia, 1927.

FRANCIS WINFIELD SMITH....*Associate Professor of English.*
A.B., Hamilton, 1922.

GEORGE ALLEN MORGAN, JR.*Associate Professor of Philosophy.*
Ph.B., Emory, 1925; A.M., Harvard, 1926; Ph.D., 1930.

LEWIS HALL GORDON.....*Assistant Professor of Romance Languages.*
A.B., Princeton, 1927; A.M., 1928.

GEORGE HASBROUCQ PERRINE.....*Assistant Professor of Romance Languages.*
A.B., Hamilton, 1925; A.M., Illinois, 1928.

JAMES QUAYLE DEALEY, JR.....*Assistant Professor of Political Science.*
A.B., Brown, 1920; B.A., Oxford, 1923; M.A., 1928; Ph.D., Harvard, 1928.

JOHN MORRISON MOORE....*Assistant Professor of Ethics and Christian Evidences.*
A.B., Park, 1925; A.M., Harvard, 1933; B.D., Union Theological Seminary, 1933.

ROLF EGMONT PERCIVAL KING.....*Instructor in German.*
A.B., Rochester, 1926; A.M., 1928; Ph.D., Wisconsin, 1932.

STEPHEN WATERS NILE.....*Instructor in Physics.*
A.B., Reed, 1927; Ph.D., New York University, 1931.

JOHN THOMAS ROUSE.....*Instructor in Geology.*
A.B., Cincinnati, 1929; A.M., 1930; Ph.D., Princeton, 1932.

ROBERT JAMES HICKS.....*Instructor in Public Speaking.*
A.B., Hamilton, 1933.

PHILIP VIRGILIUS ROGERS.....*Assistant in Biology.*
A.B., Hamilton, 1930.

ELMER EMERSON YELTON, JR.....*Undergraduate Assistant in Public Speaking.*

EDWARD WALES ROOT.....*Lecturer on Art.*
A.B., Hamilton, 1905; A.M., 1908.

Committees of the Faculty

Schedule and Studies: MR. CARRUTH, THE PRESIDENT, MESSRS. RISTINE, DURHAM, MARSH, NESBITT.

Discipline: THE PRESIDENT, THE DEAN, MESSRS. FITCH, BROWN, MARSH, and four members of the Senior Class representing the undergraduates.

Attendance and Scholarship: THE PRESIDENT, THE DEAN, MESSRS. BROWN, HESS, PATTERSON, GORDON, MOORE.

Undergraduate Activities: MESSRS. RISTINE, SAUNDERS, PRETTYMAN, HAUCH, HESS.

Reading: THE PRESIDENT, MESSRS. SAUNDERS, LEWIS, RUDD, FANCHER, MARSH, DEALEY.

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Admissions: THE PRESIDENT, THE REGISTRAR, MESSRS. FITCH, RISTINE, BONHAM, HAUCH, MCKINNEY.

Record of Scholarship: MR. PATTERSON, THE REGISTRAR, MESSRS. PATTON, NILE.

Catalogue: MESSRS. DURHAM, PATTON, SUPER, BUTCHER, SMITH, PERRINE.

Research: MR. SHEPARD, THE PRESIDENT, MESSRS. IBBOTSON, DALE, LAVES, GRAVES.

Memorial Room: MESSRS. IBBOTSON, RUDD, GRAVES.

OFFICERS OF ADMINISTRATION

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WALLACE BRADLEY JOHNSON, PH.B. . . . . *Registrar*
EDWARD MICHAEL COUGHLIN . . . . . *Bursar*
ELLIOT CRIM BURTON, B.S. . . . . *Superintendent of Buildings and Grounds*
WILLIAM WALLACE . . . . *Assistant Superintendent of Grounds*

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ALICE KLINE GARABRANT . . . . . *Assistant*

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MRS. ROY BICKNELL DUDLEY, A.B. . . . . *Assistant Cataloguer*
HELEN RUTH LOOMIS . . . . . *Assistant Cataloguer*
FLORENCE JUSTINIA LOOMIS . . . . . *Assistant*

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LUCY CECELIA HICKOX . . . . . *Assistant*
JAMES FRED COLOPY . . . . . *Bookkeeper*

INFIRMARY

VARNEY BERNARD HAMLIN, M.D. . . . . *College Physician*
KATHARINE GERTRUDE WELCH, R.N. . . . . *Resident Nurse*

ANDREWS & GILBERT . . . . . *Operators of the Commons*

EARLY HISTORY

Hamilton College is the outgrowth of the labors of Samuel Kirkland, missionary to the Oneida Indians through the latter half of the eighteenth century. At the beginning of the Revolutionary War, Kirkland's influence drew many Iroquois to the Colonial cause, and materially contributed to the successful issue of the Battle of Oriskany and the relief of Fort Stanwix. This service and others during the Revolution, followed by frequent interposition in behalf of friendly relations between the Indians and the white settlers, won for Kirkland the confidence and regard of Washington and Hamilton. When Kirkland determined to establish a school for the Indians and the sons of pioneers, Hamilton gave his support to the project, and became the first trustee of the Hamilton Oneida Academy. The Academy was chartered by the Regents of the University of the State of New York, January 29, 1793. The State and the Indians had granted to Kirkland in 1788 a tract of wild land in what is now the Town of Kirkland, a portion of which was set aside for the new institution. Here, in a small clearing, at a spot just south of the present Chapel, the cornerstone of the first building was laid by Baron Steuben, July 1, 1794. The school expanded until in 1810 its students numbered 170. Two years later, May 26, 1812, the college charter was granted.

Purpose

In a period of rapid changes in educational theory, Hamilton College chooses to preserve the earlier college ideals. It believes that the discipline of language-training is an essential part of the preparation for subsequent specialization in any field of study, as well as the basis for a critical appreciation of literature; that the mastery of subjects of approved disciplinary

and cultural value is a means of giving students a broad and liberal training for life; and that, in the diversity of modern educational needs, there is a definite place for the small college that emphasizes the humanities.

While the College thus vigorously maintains the cultural ideal, it aims to neglect no subject that is essential to a well-rounded education. The modern languages are not sacrificed to the ancient, nor the natural sciences to philosophical or historical studies. Laboratory training in the methods of science forms an integral part of the scheme of studies prescribed as the basis of a liberal education. At the same time, students may receive thorough preparation for the scientific and medical schools. Instruction in the principles of constitutional government, begun under Theodore W. Dwight about 1845, and extended to follow the advance of constitutional government throughout the world, is designed to equip men for intelligent citizenship. The College has long enjoyed a reputation for the efficient training in public speaking which it imparts to all its students, and work in this department is required of every undergraduate throughout his course.

By the application of a group system of electives, the College aims to secure breadth without superficiality, and thoroughness without cramping rigidity. It demands intensive work on the part of its students, and it strives to offer them breadth of educational and spiritual outlook.

ADMISSION

Methods of Admission to the Freshman Class

Admission to the Freshman Class of the College in September is to be secured in various ways described below. It is to be noted, however, that the total annual enrollment has been limited to about four hundred undergraduates. Since more candidates seek admission each year than can be received, the College is obliged to make selection among them. In the making of this selection, the chief weight is given to scholarship and character.

To secure the reservation of a place in the College for a candidate for admission, the payment of a registration fee of ten dollars, to be credited on the first semester's bill, is required in all cases. This fee is due as soon as admission is assured, and must be paid within fifteen days thereafter, else no place will be kept. Such reservation of places has no reference to quarters in the college dormitories; for those, early application should be made to the Bursar, Mr. Edward M. Coughlin.

1. By the Examinations of the College Entrance Examination Board. Applications for examinations conducted by this Board must be addressed to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board at least three weeks in advance of the examination. The fee is ten dollars for all candidates.

2. By Examination at the College. Entrance examinations will be held in the several department rooms, September 17-22, 1934, as follows:

Monday, Sept. 17	Advanced Algebra, Solid Geometry, Trigonometry, 8:30 to 11:30 a. m. Latin, 2 to 5 p. m.

Tuesday, Sept 18	Algebra, Plane Geometry, 8:30 to 11:30 a. m. English, 2 to 5 p. m.
Wednesday, Sept. 19	Greek, 8:30 to 11:30 a. m. Modern languages, 8:30 to 11:30 a. m. History, 2 to 4 p. m.
Saturday, Sept. 22	Biology, Chemistry, Physics, Physical Geography, 2 to 5 p. m.

Any of these examinations may be taken one year before admission to college.

3. By the Examinations of the Regents of the University of the State of New York. The results of the Regents examinations are accepted for the purposes of admission to college. It is required, however, that the marks average at least as high as seventy in all the examinations offered; or, if they fail of this average as a whole, those individual subjects may still be credited where the mark is as high as seventy, while further examinations are required in the others.

4. By Certificate from the Principal of the School in which the Candidate has prepared. Such schools must have been approved by the Faculty of the College. Blank certificates will be sent by the Registrar upon request, and should be filed with him as early as possible.

Requirements for Admission

Fifteen units of secondary school subjects are required. A unit in any subject represents a year's study, constituting approximately a quarter of a full year's work. Under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than 120 sixty-minute periods or their equivalent.

Required

English	3 units	History	1 unit
Algebra	2 units	Foreign Language	5 to 7 units
Plane Geometry	1 unit	Elective	3 to 1 units
		Total	15 units

ELECTIVE (if not included above)

Elementary German	2 units	Ancient, European, English, American, and Modern History, each	1 unit
Advanced German	1 unit	Biology	1 unit
Elementary French	2 units	Chemistry	1 unit
Advanced French	1 unit	Physics	1 unit
Elementary Spanish	2 units	Physical Geography	1 unit
Advanced Spanish	1 unit	Adv. Mathematics	½ to 1½ units
Latin	2 to 4 units		
Greek	2 or 3 units		
Civics	½ unit		

A single elementary year of a language is not counted as fulfilling any unit of these requirements. The third year of foreign language study may, however, be presented as a required or an elective unit.

The following combinations of foreign languages and elective subjects may be made, comprising eight units in each case. These, added to the seven units in English, mathematics, and history, satisfy the total requirement of fifteen units.

ADMISSION GROUPS

I		II		III		IV	
Latin	4	Latin	4	Latin	4	Latin	4
Greek	3	Greek	2	Mod. L.	3	Mod. L.	2
Elect.	1	Elect.	2	Elect.	1	Elect.	2
	8		8		8		8

V		VI		VII		VIII	
Latin	3	Latin	3	Latin	3	Latin	2
Mod. L.	3	Mod. L.	2	Mod. L.	2	Mod. L.	3
Elect.	2	Mod. L.	2	Elect.	3	Elect.	3
		Elect.	1				
	8		8		8		8

A like number of units of admission Greek are accepted as a substitute for Latin in Admission Groups V-VIII.

Note:—Admission without Latin or Greek may be granted to a limited number of candidates of exceptional scholarship and approved character who offer a five-units combination of any two of French, German, and Spanish for the fulfillment of the foreign language requirement. Undergraduates so admitted will be counted candidates for the degree of Bachelor of Science; but they may qualify for the degree of Bachelor of Arts by completing two college years of Greek.

A candidate slightly deficient in a single subject required for admission may be admitted with a condition in that subject. For the removal of the condition the department concerned will fix a program of study, and will set an examination not later than the opening of the second semester. Credit for the removal of admission conditions shall not be given for examinations other than those specifically approved in advance by the Faculty.

A satisfactory testimonial of conduct and character and a health certificate are required of all candidates for admission.

Definition of Requirements

English

English 1-2. Grammar, Composition and Literature

Habits of correct, clear, and truthful expression. This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distinguished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and obscure enunciation.

Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces. This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first, designated as "Books for Reading," contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases

studied, with a measure of thoroughness appropriate for immature minds. The second, designated as "Books for Study," contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented by home reading on the part of the pupil and by classroom reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

1. Books for Reading

From each group two selections are to be made, except that for any book in Group 5 a book from any other may be substituted.

GROUP 1. Cooper: *The Last of the Mohicans;* Dickens: *A Tale of Two Cities;* George Eliot: *The Mill on the Floss;* Scott: *Ivanhoe* or *Quentin Durward;* Stevenson: *Treasure Island* or *Kidnapped;* Hawthorne: *The House of the Seven Gables.*

GROUP 2. Shakespeare: *The Merchant of Venice; Julius Caesar; King Henry V; As You Like It; The Tempest.*

GROUP 3. Chaucer: *Canterbury Tales* (selections); Scott: *The Lady of the Lake;* Coleridge: *The Ancient Mariner* and Arnold: *Sohrab and Rustum;* a collection of representative verse, narrative and lyric; Tennyson: *Idylls of the King* (any four); *Beowulf* in a translation of recognized excellence; *The Æneid* or *The Odyssey* or *The Iliad* in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of *The Odyssey,* and Books XI, XIII-XV, and XXI of *The Iliad;* Longfellow: *Tales of a Wayside Inn.*

GROUP 4. The *Old Testament* (the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther); Irving: *The Sketch Book* (about 175 pages); Addison and Steele: *The Sir Roger de Coverley Papers;* Macaulay: *Lord Clive* or *History of England,* Chapter III; Franklin: *Autobiography;* Emerson: *Representative Men.*

GROUP 5. A modern novel; a modern biography or autobiography; a collection of short stories (about 250 pages); a collection of contemporary verse (about 150 pages); a collection of scientific writings (about 150 pages); a collection of prose writings on matters of current interest (about 150 pages); a selection of modern plays (about 250 pages).

All selections from this group should be works of recognized excellence.

2. Books for Study

One selection is to be made from each of Groups 1 and 2, and two from Group 3.

GROUP 1. Shakespeare: *Macbeth; Hamlet.*

GROUP 2. Milton: *L'Allegro, Il Penseroso,* and either *Comus* or *Lycidas;* Browning: *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus, One Word More.*

GROUP 3. Burke: *Speech on Conciliation with America;* Macaulay: *Life of Johnson;* Carlyle: *Essay on Burns,* with a brief selection from Burns's Poems; Lowell: *On a Certain Condescension in Foreigners* and *Democracy;* Lincoln: *Speech at Cooper Union,* his *Farewell to the Citizens of Springfield,* his brief addresses at Indianapolis, Albany, and Trenton, the speeches in Independence Hall, the two *Inaugurals,* the *Gettysburg Speech,* and his *Last Public Address,* together with a brief memoir or estimate of Lincoln.

MATHEMATICS

(A) ALGEBRA. This requirement consists of the requirements Mathematics A1 and Mathematics A2 combined. *Two units.*

(A1) ELEMENTARY, ALGEBRA TO QUADRATICS. The meaning, use, evaluation, and necessary transformations of simple formulas; the graph, and graphical representation in general; negative numbers, their meaning and use; linear equations in one unknown quantity, and simultaneous linear equations involving two unknown quantities; ratio, as a case of simple fractions; proportion as a case of an equation between two ratios; variation; exponents and radicals, simple cases; numerical trigonometry; problems. *One unit.*

(A2) INTERMEDIATE, QUADRATICS AND BEYOND. Numerical and literal quadratic equations in one unknown quantity; the binomial theorem for positive integral exponents, with applications; arithmetic and geometric series; simultaneous linear equations in three unknown quantities; simultaneous equations, consisting of one quadratic and one linear equation, or of two quadratic equations; exponents and radicals; logarithms; problems. *One unit.*

(B) Advanced Algebra. Theory of equations; determinants; complex numbers, numerical and geometric treatment; simultaneous quadratics; mathematical induction; permutations and combinations; probability; partial fractions. *One-half unit.*

(C) Plane Geometry. The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; original exercises, including loci problems; numerical applications to the mensuration of lines and plane surfaces. *One unit.*

(D) Solid Geometry. The usual theorems and constructions of good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; original exercises, including loci problems; applications to the mensuration of surfaces and solids. *One-half unit.*

(E) Trigonometry. Definitions and relations of the six trigonometric functions as ratios; functions of angles of zero, thirty, forty-five, sixty, ninety degrees, and of angles differing from these by multiples of ninety degrees; circular measure of angles; proofs of the fundamental formulas, and of simple identities derived from them; solution of trigonometric equations; theory and use of logarithms, without the introduction of work involving infinite series; use of trigonometric tables, with interpolation; derivation of the formulas used in the solution of triangles; solution of right and oblique triangles, both with and without logarithms. *One-half unit.*

History

Ancient History, European History, English History, Modern History, and United States History may each be offered as one unit for entrance. An accurate textbook of about 500 pages should be covered, and supplemented by suitable parallel readings of about 1,000 pages. Attention should be paid to historical geography. The examination will call for comparison of historical characters, periods, and events, and for the exercise of judgment as well as of memory.

Latin

The requirement for admission by examination is that of the College Entrance Examination Board, as stated below. The statement also indicates the preparation recommended for a candidate who presents

a principal's certificate for admission. The requirement in a modified form is incorporated in the Syllabus of the New York State Department of Education, whose credentials are accepted. For a candidate who offers but three units of Latin, requirement I, 2, or I, 3, below, is omitted; for one who offers only the two units required of candidates for the degree of Bachelor of Science, I, 2, and I, 3, below, are both omitted.

I. Amount and Range of Reading Recommended

There are no prescribed readings in Latin; but recommendations are made as follows:

(1) In the second year the early reading should be easy Latin which may be "made" or adapted Latin; not less than one semester of this year should be devoted to the reading of selections from Caesar. The year's work may also include easy selections from such authors as Aulus Gellius, Eutropius, Nepos, Phaedrus, Quintus Curtius Rufus, and Valerius Maximus.

(2) In the third year, if the reading be in prose, not less than one semester should be devoted to Cicero; the year's work may also include selections from such authors as Pliny, Sallust, and Livy.

(3) In the fourth year, if the reading be in poetry, not less than one semester should be devoted to Vergil; and the year's work may also include selections from Ovid or other Latin poets.

II. Description of the Examination

The examination will be adapted to the proficiency of those who have studied Latin in a systematic school course of five lessons each week extending through two, three, or four years. The paper will include: (1) passages of Latin prose and verse for translation, of varying degrees of difficulty; (2) English passages for translation into Latin, for candidates presenting two or three years of Latin. Candidates presenting four years of Latin at one time are also required to take this part of the examination; (3) questions on forms, syntax and idioms in connection with the different passages set for translation, as well as questions, historical and literary, on the subject matter.

Greek

The requirement is substantially as defined by the New York State Department of Education in its Syllabus, and by the College Entrance Examination Board.

(1) Greek Grammar; Xenophon's *Anabasis,* Books 1-4; the translation at sight of easy Greek prose; the translation into Greek of

simple sentences based upon Books 1-2 of the *Anabasis,* in order to test the candidate's knowledge of forms and important principles of syntax. *Two units.*

(2) Homer's *Iliad,* Books 1-3 (omitting the catalogue of the ships), or an equivalent amount of the text of Homer. This includes Homeric forms, constructions, and prosody. *One unit.*

The requirements as stated above apply to candidates who are admitted either by certificate or by examination; and to competitors for the Maynard and Brockway Entrance Prizes and the Fayerweather Scholarships in so far as such competitors offer Greek as an entrance subject.

Modern Languages

The requirements follow the recommendations of the Committee of Twelve of the Modern Language Association of America, upon which the more detailed statements of the College Entrance Examination Board and of the New York State Department of Education are based.

A fluent reading knowledge of the language studied should be the immediate objective. Constant drill on pronunciation, oral and written drill on the forms of grammar, syntax, vocabulary, and idiom are of vital importance in the acquisition of a satisfactory reading knowledge and form at the same time the best basis for further progress in speaking and writing the language. The examination may include a test in pronunciation and ability to understand the spoken language. Schools certifying a candidate for admission must state whether he has received this training.

French

(A) Elementary French. The work of the first year should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of adjectives, participles, and pronouns, the use of personal pronouns, adverbs, prepositions, and conjunctions, the order of words in a sentence, and the elementary rules of syntax, with constant drill upon exercises illustrating these principles; (3) the reading of at least 100 pages of graduated texts, with constant practice in translating into French easy variations of the sentences read, and in reproducing from memory sentences previously read; (4) simple conversation and writing of French from dictation. The work of the second year should comprise: (1) the reading of at least 250 pages of easy modern prose in the form of stories, plays, or historical and biographical sketches; (2) constant practice in translating into French variations on the texts read; (3) frequent abstracts, oral and written,

of portions of the texts already read; (4) writing French from dictation; (5) continued drill in the rudiments of grammar and in the writing of sentences illustrative of grammatical principles; (6) conversation, and the answering in French by the student of questions based on the text read. *Two units.*

(B) Advanced French. A systematic course of five periods a week, extending over a third school year, in addition to the elementary course, should comprise: (1) at least 400 pages of French of ordinary difficulty, a portion to be in dramatic form; (2) constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; (3) the study of a grammar of moderate completeness; (4) writing from dictation; (5) continuation of the drill in oral and auricular training. At the end of this course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a thorough knowledge of syntax and morphology. *One unit.*

German

(A) Elementary German. The work of the first year should comprise: (1) careful drill upon pronunciation; (2) drill upon the rudiments of grammar with simple conversational exercises and easy reading material as a basis; the inflection of the articles, common nouns and adjectives, pronouns, weak verbs, and the more usual strong verbs; the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (3) the reading of from 75 to 100 pages of graduated texts from a reader; (4) abundant easy oral and written exercises designed to fix the forms and principles of grammar and to cultivate readiness in the use of the natural forms of expression. The work of the second year should comprise: (1) the reading of about 200 pages of easy narrative or drama with abundant oral and written reproduction of the content; (2) constant drill on pronunciation, and the rudiments of grammar, with the use of a set of graded sentences for translation. *Two units.*

(B) Advanced German. In addition to the elementary course, the work should comprise: (1) the reading of from 400 to 500 pages of standard prose and poetry; (2) the continuation of oral and written reproduction of texts read, drill on pronunciation, grammar, and composition. In composition the emphasis should be upon speed and accuracy rather than upon the translation of difficult and unusual forms.

Reading texts should be chosen for their literary and cultural value; the best books are not usually the most difficult. *One unit.*

Spanish

(A) Elementary Spanish. The two years' work should comprise the following: careful drill in pronunciation; a complete study of some good grammar; mastery of all but the rare irregular verbs; the inflection of nouns, adjectives, and pronouns; the elements of syntax; the reading of at least 300 pages of modern Spanish; exercises containing illustrations of the principles of grammar, and practice in translating into Spanish variations of texts read; writing Spanish from dictation. *Two units.*

(B) Advanced Spanish. The work of a third year should comprise the reading of 300 to 400 pages of Spanish of ordinary difficulty; constant practice in giving Spanish paraphrases, abstracts, or reproductions from memory of portions of the matter read; the study of grammar; the use of a composition book; writing from dictation. *One unit.*

Biology

The requirement of one unit may be satisfied by presenting any one of the following subjects:

(A) General Biology. The activities of living things should be the central idea. The work should include a study of the functions of representative plants and animals, and their relation to each other and to their environment. These studies should be bound together by a knowledge of the common laws of living organisms. *One unit.*

(B) Botany. A study of examples of the great groups of plants should include the general laws of plant physiology, the fundamental facts of plant structure, and the relation of plants to animals and to man. *One unit.*

(C) Zoology. Representative common animals should be studied in field and laboratory that a knowledge of their habits and structure and of their structural and economic relation to man may be obtained. The relationship of plants to animals should also be considered. *One unit.*

As an essential part of any of these methods of meeting the requirement, a certified notebook with drawings and description of work done should be presented with the certificate, or at the time of examination. A more detailed account of the requirement may be found in the Syllabus of the New York State Department of Education or in the publications of the College Entrance Examination Board.

Chemistry

The requirement is substantially that specified in the Syllabus of the New York State Department of Education. Not less than one-half of the course should be individual laboratory work devoted to the preparation and study of the common elements and compounds and to experiments illustrating important laws. The course should also include lecture-table demonstrations and the study of some good elementary textbook, with recitations covering the fundamental laws and theories of chemical combination, and the preparation, properties, and uses of the more important metallic and non-metallic elements, and their compounds. *One unit.*

Physics

A detailed statement of the requirements may be found in the Syllabus of the New York State Department of Education or in the publications of the College Entrance Examination Board. Preparation should include a knowledge of the general laws and principles of physics as presented in a textbook, together with at least thirty experiments selected from a list similar to that given in the Syllabus. The candidate taking the examination here should present his notebook, with certification by his instructor that the experiments were satisfactory to him and were performed by the student himself. One who does not offer a notebook may meet the requirement by showing ability to solve more difficult problems in theoretical physics. *One unit.*

Admission to Advanced Standing

An undergraduate who comes from an approved institution of collegiate rank and presents an official statement of honorable dismissal and of his previous work may receive credit for such work without examination. This statement must include a full list of his accepted preparatory subjects, and a list of his college courses with his record therein. Such admission by transfer is ordinarily granted only when the applicant has maintained a standing in the upper half of his class.

To compete for honors or prizes based in any way upon collegiate work done previous to entrance here, an undergraduate may be required to pass examinations covering such work.

Entrance Prizes and Scholarships

Prizes and prize scholarships are awarded upon the basis of the September examinations as follows:

(1) The Maynard Prize of $100.

(2) The Brockway Prize of $25.

(3) The five Fayerweather Prize Scholarships, yielding $100 each for freshman year.

There is a limited number of non-competitive scholarships which are available for freshmen. A statement of the conditions under which these scholarships are awarded is to be found under the heading "Scholarships."

Registration

All undergraduates are required to register at the President's Office on the Tuesday or Wednesday before the opening of the first semester. At this time all freshmen make their election of courses for the year, according to the regulations on pages 29 and 30. For this purpose the Committee on Schedule and Studies will be in session at hours to be bulletined. All new undergraduates meet the Dean in the Chapel at 5 o'clock on the last day of this registration.

The selection of courses for the next college year is made not later than an appointed date in May by all except those seniors who are expected to be graduated at the end of the college year.

A fee of $2 (increased by $1 for every day after the first) is charged for unexcused delay in the case of either of these registrations.

A special registration, not later than August 1, is required of all undergraduates who are returning to College in September. A fee of $25 attends this registration, which will be credited on the first semester's bill. This fee may be returned if sufficient reason for change of plans is presented to the Bursar not later than September 1.

A registration fee of $10 is demanded of all candidates for admission at the time their entrance is assured. See page 15.

CURRICULUM AND GRADUATION

The curriculum provides courses leading at graduation to two degrees, Bachelor of Arts (A.B.) and Bachelor of Science (B.S.). At admission the undergraduate may register for either degree as he chooses. The curriculum in either case calls for four years of work, but it is possible for students of high standing to shorten the time of residence by taking extra courses.

The following statements apply to candidates for both degrees except where otherwise indicated:

1. The requirement for graduation demands the completion of 136 semester hours of required and of properly chosen elective courses. (For undergraduates who complete the requisite elective courses in less than four years, certain required hours are omitted; see page 31.) A semester hour represents one hour of classroom work (or two hours of laboratory work) per week through half of the college year. Normally an undergraduate takes in each semester in freshman year 16 semester hours, in sophomore year 18, in junior year 17, and in senior year 17. No undergraduate is allowed to take more than 21 or less than 13 hours in any semester without special permission of the Faculty; but any deviation from the normal number is subject to the approval of the Committee on Schedule and Studies.

2. To meet the requirements for graduation, an undergraduate must so arrange his program as to concentrate in two departments of study. These two subjects constitute his majors. A major consists of at least three year-courses in one of the following departments: Greek, Latin, German, Romance Languages, English Literature, Philosophy, Ethics and Christian Evidences, History, Political Science, Economics, Music Appreciation, Mathematics, Biology, Chemistry, Physics,

Geology. A major must be begun not later than junior year and continued, if the curriculum permits, to graduation. If the major is begun in freshman year, four instead of three year-courses are required if the department concerned offers a sufficient number of courses. The courses chosen for the major under the general rules stated must be approved in each particular case by the Committee on Schedule and Studies.

3. At least six semester hours in one of the natural sciences must be taken in College.

4. At least twelve semester hours in either French or German must be taken in college. The better graduate schools require a reading knowledge of both French and German of all candidates for the doctor's degree.

5. Candidates for the A.B. degree must take one ancient and one modern language in freshman year.

6. Candidates for the B.S. degree must take two modern languages in freshman year.

7. An undergraduate who, after completing courses leading toward one of the degrees, desires to become a candidate for the other degree, may do so with the approval of the Committee on Schedule and Studies. Any hitherto unsatisfied requirement for the degree sought must be met before the change becomes effective.

8. All courses are arranged as year-courses and are to be taken accordingly. In the notation used, an odd numeral refers to the first semester portion of the course and an even numeral to the second semester portion.

9. An undergraduate who desires to receive credit for work in a summer school must apply to the Faculty in advance for approval of his plans.

Descriptions of the courses are to be found under the heading "Departments of Instruction."

Courses of Freshman Year

Required of All Freshmen

Mathematics 1-2 ..... 3 hours

English Composition 1-2 }
Public Speaking 1, 3-4 } ..... 4 hours

A foreign language.....3 hours
A second foreign language .....3 hours
An elective.....3 hours
Hygiene and Physical Training
Total.....16 hours

Foreign Language Courses Open to Freshmen

Greek 5-6 (prerequisite, 3 units of entrance Greek).
Greek 3-4 (prerequisite, 2 units of entrance Greek).
Greek 1-2 (beginners' course).
Latin 1-2 (prerequisite, 3 or 4 units of entrance Latin. No Latin course is open to students who present only 2 units of that language for entrance; but such undergraduates may qualify for the degree of Bachelor of Arts by taking in college Greek 1-2 and Greek 3-4 instead of Latin).
German 3-4 (prerequisite, 2 or 3 units of entrance German).
German 1-2 (beginners' course).
French 3-4 (prerequisite, 2 or 3 units of entrance French).
French 1-2 (beginners' course).
Spanish 3-4 (prerequisite, 2 or 3 units of entrance Spanish).

Elective Courses Open to Freshmen

A third foreign language
History 1-2
Biology 1-2
Chemistry 1-2
Music 3-4 (as an extra course)

For their foreign language courses in the freshman year, candidates for the degree of Bachelor of Arts take a modern language and either Greek or Latin; candidates for the degree of Bachelor of Science take two modern languages; and in either case a third foreign language may be taken as an elective if the candidate so desires.

An undergraduate who takes the beginners' course in Greek, German, or French in freshman year must take the second course in that language in sophomore year.

An undergraduate who receives credit for four and one-half units of mathematics at admission will ordinarily take Mathematics 3-4 instead of Mathematics 1-2 in freshman year.

Courses of Sophomore, Junior, and Senior Years

Required Courses

In sophomore year six semester hours and in junior and senior years four semester hours of work in the Department of English Composition and Public Speaking are required of all undergraduates. But those who otherwise qualify for graduation in less than four years are excused from that part of this work which extends beyond their period of residence.

Elective Courses

Except for the required work as above described, all courses of sophomore, junior, and senior years are elective. The choice of courses is made under a group system, the departments of study being arranged in three groups, as follows:

Group A. Foreign Languages.

Group B. English Composition and Public Speaking, English Literature, Philosophy, Ethics, History, Political Science, Economics, Art, Music Appreciation.

Group C. Mathematics, Natural Sciences.

Regulations Governing Electives

1. All courses are continuous through the year and must be elected accordingly.
2. Courses for the next year are chosen at the end of freshman, sophomore, and junior years respectively.
3. A foreign language begun in freshman year must be continued through sophomore year.
4. In sophomore and in junior years an undergraduate must take at least one course from each group, and in senior year at least one course from each of two groups.
5. The elective courses must be so chosen as to comply with the requirements in paragraphs 1 to 6 on pages 28 and 29.

6. After freshman year an undergraduate may take any elective course offered to his own or to a lower class if he has satisfied its prerequisites.

7. The choice of studies for the year must be made not later than an appointed day in May. This choice may not be changed except by permission of the Committee on Schedule and Studies, and on payment of a fee of two dollars. Changes are not permitted after the first week of the semester. All elective cards must conform to the regulations as given above, and all courses must be numbered and indicated as in the Summary of Elective Courses.

DEPARTMENTS OF INSTRUCTION

All courses are continuous through the year and are assigned three hours a week, except as otherwise stated. An odd number refers to the first semester portion of a course; an even number, to the second semester portion. An undergraduate may take any elective course offered to his own or to a lower class if he has satisfied its prerequisites.

Group A

Greek

Professor Fitch and Professor Durham

1-2. Elementary Greek. Ball's *Elements of Greek.* Exercises in writing Greek continue throughout the year. *Open to freshmen who enter without Greek.* Professor Durham.

3-4. Homer. First semester: selections from the *Iliad*; Homeric forms, constructions, and prosody. Second semester: selections from the *Odyssey,* with particular attention to the structure of the poem, to Homeric antiquities, and to the historical aspects of the language. *Prerequisite, 1-2, or two units of entrance Greek.* Professor Fitch.

5-6. Plato. Theocritus. First semester: the *Apology, Crito,* and portions of the *Phaedo.* A study of the character of Socrates as portrayed by Plato and of the more general aspects of his significance as a thinker. Second semester: lyric poetry; the *Idylls* of Theocritus, illustrated by parallel passages from the other Alexandrian poets. *Prerequisite, 3-4, or three units of entrance Greek.* Professor Fitch.

7-8. Greek Drama. Careful interpretation of a tragedy of Aeschylus, Sophocles, or Euripides, followed by a rapid reading of other tragedies. Aristophanes is studied in similar manner. The year's work includes a survey of Greek poetry from Homer to the drama. *Prerequisite, 5-6. Alternates with 9-10.* (Not offered in 1933-34.)

Professor Fitch.

9-10. Prose Writers. Herodotus, Selections. Thucydides, Books 2 and 3. The sources of Greek history. Demosthenes' *De corona.* Plutarch's *Life of Demosthenes.* The *New Testament* in Greek; selections from *The Acts. Prerequisite, 5-6. Alternates with 7-8.*

Professor Fitch.

11-12. Advanced Greek. Choral lyric poetry, Greek religion, the mythological tradition; or, at the option of the instructor, Plato's *Phaedo* and *Republic. Prerequisites, 7-8 and 9-10.* (Not offered in 1933-34.) Professor Fitch.

Greek Prose Composition. Upon application to Professor Durham, an optional course in Greek prose composition, without college credit, is given to students desiring practice in writing Greek. *One hour a week for the year.*

In connection with Greek 3-4, illustrated lectures are given on the Cretan-Mycenean civilization. For other work on Greek art, see Art 1-2.

Latin

Professor Chase and Professor Durham

1-2. Selections from Latin Prose and Poetry. First semester: prose writers and Plautus or Terence, with a review of Latin grammar. Second semester: Horace and other poets. *Open to freshmen who enter with three or four units of Latin.*

Professors Durham and Chase.

3-4. Tacitus, Pliny, Catullus, and Cicero. First semester: the *Agricola* of Tacitus and selected letters of Pliny, with a study of the literature and society of the Silver Age. Second semester: the poetry of Catullus and selected letters of Cicero, with a study of the political and social history of the period. *Prerequisite, 1-2.*

Professors Chase and Durham.

5-6. Roman Drama and Satire. First semester: one tragedy of Seneca; Plautus and Terence. Emphasis is placed on Roman comedy; several plays are read. Second semester: after a brief introduction to early satire, attention is devoted mainly to Horace and Juvenal. *Prerequisite, 3-4.* Professors Chase and Durham.

7-8. History of Latin Literature. This course consists primarily of extended readings from Latin authors; with lectures, and the reading of modern authorities. In the second semester, certain problems connected with the language as well as the literature are considered. *Prerequisite, 5-6.* Professor Chase.

Latin Prose Composition. Upon application to Professor Durham, an optional course in prose composition, without college credit, is given to students desiring practice in writing Latin. *One hour a week for the year.*

German

PROFESSOR HAUCH AND DR. KING

1-2. ELEMENTARY GERMAN. Thorough grounding in pronunciation, grammatical forms, and syntax; constant oral and written drill as a necessary basis for the attainment of a fluent reading knowledge of the language. PROFESSOR HAUCH AND DR. KING.

3-4. INTERMEDIATE GERMAN. Review of grammar and syntax; oral and written drill on vocabulary and idioms; reading of modern short stories, novels, plays, and historical prose. (B) In the second semester provision is made for the reading of scientific German in one of the groups. *Prerequisite, 1-2, or 2 or 3 units of entrance German. Required of sophomores who have taken 1-2 as freshmen.*

PROFESSOR HAUCH AND DR. KING.

5-6. GERMAN DRAMA. Lessing, Goethe, Schiller, nineteenth century and contemporary drama. *Prerequisite, 3-4.*

PROFESSOR HAUCH AND DR. KING.

7-8. THE AGE OF GOETHE. Historical survey of the major political, intellectual, and social forces of eighteenth century Germany; lectures, discussions, and essays; required readings from the literature of the period reflecting these forces. The life and works of Goethe. *Faust I and II;* critical study and interpretation of the text. *Open to juniors who have completed 3-4. Alternates with 9-10.* PROFESSOR HAUCH.

9-10. GERMAN CIVILIZATION. Survey of the history of the German language, the German people, and German literature in connection with its political, social, and philosophical background; required readings from the sources; lectures, discussions, and essays. *Open to juniors who have completed 3-4. Alternates with 7-8.* (Not offered in 1933-34.) PROFESSOR HAUCH.

Romance Languages

French

PROFESSOR SHEPARD, ASSOCIATE PROFESSOR SUPER, ASSISTANT PROFESSOR GORDON, AND ASSISTANT PROFESSOR PERRINE

1-2. ELEMENTARY FRENCH. Grammar, including careful drill in pronunciation, easy reading, composition, conversation, dictation. The oral method is used extensively and as early as possible. *Those who take this course are required to continue with 3-4. No credit is given*

for 1-2 separately except by special permission of the head of the department. ASSISTANT PROFESSOR GORDON.

3-4. INTERMEDIATE FRENCH. MODERN COMEDY. First semester: reading of short stories by Daudet. Advanced composition. Continued practice in dictation and conversation, based on the texts read. Second semester: rapid reading of selected plays; writing of abstracts, and conversation based on texts read. Special attention to pronunciation and to reading without translating. *Prerequisite, 1-2, or 2 or 3 units of entrance French. Required of all undergraduates who have taken 1-2, unless excused by the head of the department.*

ASSOCIATE PROFESSOR SUPER, AND ASSISTANT PROFESSORS GORDON AND PERRINE.

5-6. CONVERSATIONAL SURVEY OF FRENCH LITERATURE. This course is conducted entirely in French, and is designed to give not only an acquaintance with the chief features of French literature from 842 to the present, but also practice in hearing and using the language itself. *Prerequisite, 3-4. Limited to 20 undergraduates.*

ASSISTANT PROFESSOR PERRINE.

7-8. THE FRENCH DRAMA. A year's study of the development and history of the theatre in France, from Corneille to the present day. The first semester is devoted to tragedy, the second to comedy. Reading in class of selected plays from all the important dramatists, many others being assigned for outside reading and report in French. Lectures in French on the history of the drama. *Prerequisite, 3-4.*

PROFESSOR SHEPARD.

9-10. FRENCH PROSE FICTION. A year's study of the development of the novel in France, from d'Urfé to the present day. Selected novels are assigned to all members of the course for report and criticism, these papers being read and discussed in the classroom. This course is conducted wholly in French. *Prerequisite, 7-8, or, with the consent of the instructor, 5-6. Alternates with 11-12.*

PROFESSOR SHEPARD.

11-12. FRENCH POETRY. A year's study of the history of French lyric and narrative verse, from Villon to the present. Extensive readings from the chief poets, with critical studies and reports. Principles of French prosody. This course is conducted wholly in French. *Prerequisite, 7-8, or with the consent of the instructor, 5-6. Alternates with 9-10.* (Not offered in 1933-34.) PROFESSOR SHEPARD.

13-14. ROMANCE PHILOLOGY AND MEDIEVAL LITERATURE. Introduction to the comparative and historical grammar of the Romance Languages,

with special attention to Old French and Provençal. Reading of selected texts, with study of the lyric and narrative poetry of the Middle Ages. In the case of exceptionally well prepared students, who are planning to take graduate work, a further course in paleography and textual criticism will be given. *Prerequisites, French 7-8, or, with the consent of the instructor, 5-6; and Latin 1-2.*

PROFESSOR SHEPARD.

Spanish

ASSOCIATE PROFESSOR SUPER

1-2. ELEMENTARY SPANISH. Pronunciation, inflection, the laws of syntax and their application. Translation of simple prose; writing from dictation; oral and written exercises in composition. *Open to juniors.*

3-4. ADVANCED GRAMMAR AND MODERN PROSE. Continued practice in composition, dictation, and oral drill. Translation and sight reading, with constant reference to morphology and idiom in connection with the text. Representative works of such authors as Cervantes, Alarcón, Galdós, Valera, Valdés. *Prerequisite, 1-2, or 2 or 3 units of entrance Spanish.*

Italian

ASSISTANT PROFESSOR GORDON

1-2. MODERN ITALIAN. First semester: grammar, composition, the reading of Farina's *Fra le Corde d'un Contrabasso.* Some attention is given to comparative philology. Second semester: a collection of modern Italian short stories; an anthology of modern Italian poetry as an introduction to the language of poetry and to prosody, and as a preparation for the reading of the older Italian poets. *Open to juniors.*

3-4. SURVEY OF ITALIAN LITERATURE. A rapid survey of the Old Provençal lyric poetry as a background for the reading of Dante's *Vita Nuova.* The *Vita Nuova* and selected cantos from the *Divina Commedia*; selected lyrics from Petrarca's *Canzoniere*; selected *novelle* from Boccaccio's *Decamerone.* Outlines of the history of Italian fiction from the thirteenth century to the present day. *Prerequisite, 1-2.*

HEBREW

MR. IBBOTSON

1-2. THE ELEMENTS OF HEBREW. Harper's *Hebrew Method and Manual,* and *Elements of Hebrew.* Chapters from *Genesis, Ruth, Samuel,* and *Kings.* Kittel's *Biblia Hebraica. Open to seniors.*

Group B

English Composition and Public Speaking

Professor Lewis, Professor Fancher, Professor Marsh, Associate Professor Nesbitt, Associate Professor Smith, Mr. Hicks, Mr. Yelton

The instruction in this department is based on the belief that, since the English of daily life is mainly oral, the greater amount of training in English should aim to develop undergraduates in speaking rather than in writing.

All courses for freshmen and sophomores are required. Juniors must elect at least two of the five courses in Public Speaking offered to their class, and seniors must elect two of the three senior courses. All are one-hour courses unless otherwise stated.

English Composition

1-2. Freshman English Composition. The study and application of the elementary principles of English composition. The technique of writing. Themes. During the second semester, readings from selected essays and contemporary American verse. *One hour a week in the first semester; three hours a week in the second.*
Professor Fancher, and Associate Professors Nesbitt and Smith.

3. Sophomore English Composition. Advanced study and practice. Themes, based chiefly on the reading of selected short stories and a novel. *First semester, two hours a week. Prerequisite, 1-2.*
Associate Professor Smith.

5-6. Junior English Composition. Advanced study and practice for those looking forward to journalism, authorship, or English teaching. *Open to juniors who have attained a grade of credit in 3. Three hours a week.* Professor Lewis.

7-8. Senior English Composition. The study and practice of the various forms of writing. *Open to seniors who have attained a grade of credit in 5-6. Three hours a week.* Professor Fancher.

Public Speaking

1. Elements of Public Speaking. The production and control of the voice, vowel and consonant sounds, the correction of vocal faults. The voice in speech: articulation, pronunciation, force, rate, pitch, timbre, emphasis, inflections, delivery, phrasing. Personality in speak-

ing: physical interpretation, gesture, action. Short speeches (125-200 words) every two weeks. *Two hours, first semester.*

PROFESSOR MARSH AND MR. HICKS.

3-4. FRESHMAN DECLAMATION. Each freshman appears three times during the year with a prose declamation 350-400 words in length. Three drills are required for each appearance.

PROFESSOR MARSH AND MR. HICKS.

5-6. SOPHOMORE DECLAMATION. Each sophomore appears once each semester with a prose declamation 350-400 words in length. Two drills are required for each appearance. The second declamation may be original. PROFESSOR MARSH AND MR. HICKS.

8. SOPHOMORE DEBATE. Classroom study of the theory of argumentation and debate, including the analysis of propositions, methods of proof and rebuttal, briefing, and platform practice. Classroom debates. *Second semester, two hours a week.*

PROFESSOR MARSH AND MR. HICKS.

9-10. JUNIOR DECLAMATION. First semester: an original prose speech or a poem. Second semester: a poem or a group of poems. Each selection should be about 400 words in length. One drill is required for each appearance. PROFESSOR LEWIS.

11-12. DRAMATIC INTERPRETATION. The dramatic presentation of masterpieces of the drama for the purpose of developing physical expression on the platform. *Open to juniors approved by the head of the department and the instructor in the course. Fee, $5.00.*

PROFESSOR FANCHER.

13-14. JUNIOR DISCUSSION. Original argumentative speeches, affirmative or negative, which lay stress on persuasion, 700-900 words in length. Each man who elects this course speaks once each semester. Drills optional. *Prerequisites, 5-6 and 8.* PROFESSOR LEWIS.

15-16. JUNIOR DEBATE. Advanced classroom debates. Each man who elects this course debates twice each semester. Conferences required for all debates. *Prerequisites, 5-6 and 8.* PROFESSOR LEWIS.

17-18. JUNIOR EXTEMPORANEOUS SPEAKING. The purpose of the course is to give every man an opportunity to appear frequently before his sectional group, and to offer training in standard forms, such as speaking to entertain, to inform, to convince, and to persuade. Topics are approved and outlines submitted well in advance of the date when speeches are given. A textbook is used. PROFESSOR MARSH.

19-20. SENIOR ORATIONS. Each man appears once each semester with an original oration on an approved subject, 900-1100 words in length. No drills required. PROFESSOR LEWIS.

21-22. SENIOR DEBATE. Advanced classroom debates. PROFESSOR LEWIS.

23-24. SENIOR EXTEMPORANEOUS SPEAKING. On the same general plan as 17-18. PROFESSOR MARSH.

ENGLISH LITERATURE

PROFESSOR RISTINE, PROFESSOR RUDD, ASSOCIATE PROFESSOR NESBITT

1-2. GENERAL INTRODUCTION TO ENGLISH LITERATURE. A rapid survey of English literary history from the beginnings, accompanied by classroom study of the greater English poets, especially Spenser, Shakespeare, Milton, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning. Lectures and recitations. *Open to sophomores.* PROFESSOR RUDD AND ASSOCIATE PROFESSOR NESBITT.

3-4. SEVENTEENTH CENTURY LITERATURE. The later Elizabethan drama; the seventeenth century lyric, with special emphasis on Donne and the metaphysical poets; Bacon, Burton, and Browne; the poetry and prose of Milton. The Restoration Period; John Dryden; the dramatists, diarists, and memoir writers. *Prerequisite, 1-2. Alternates with 5-6.* PROFESSOR RUDD.

5-6. EIGHTEENTH CENTURY LITERATURE. The Augustan writers of the Age of Pope, with special attention to the development of modern prose style, the rise of the periodical essay, the pamphlet, and the polite epistle. The eighteenth century novel. Dr. Samuel Johnson. The beginnings of romanticism, as seen especially in the poetry of the century. *Prerequisite, 1-2. Alternates with 3-4.* (Not offered in 1933-34.) PROFESSOR RUDD.

7-8. THE ROMANTIC MOVEMENT AND VICTORIAN ERA. The growth of Romanticism in England, and its influence on imaginative literature and criticism between 1798 and 1832; the thought and literary art of the Victorians, particularly Carlyle, Tennyson, Browning, Arnold, and the Pre-Raphaelites. The development of the periodical and of the novel, with outside readings in Jane Austen, Scott, Dickens, Thackeray, George Eliot, and other novelists as time permits. Term essays required. *Prerequisite, 1-2.* ASSOCIATE PROFESSOR NESBITT.

9-10. AMERICAN LITERATURE; CONTEMPORARY LITERATURE. First semester: the chief American poets and prose writers of the nineteenth

century, emphasizing their relation to contemporary English literature and their expression of our national traits and ideals. Second semester: a study of the writers, chiefly British, who have contributed most to the advance of poetry, drama, and the novel, since about 1890. *Prerequisite, 1-2.* PROFESSOR RUDD.

11-12. ANGLO-SAXON; MIDDLE ENGLISH. First semester: an introduction to the language and literature of England before the Norman Conquest. An Anglo-Saxon reader is the basis of study, accompanied by lectures on the history, structure, and vocabulary of the English language. Second semester: Chaucer, his century, and his contemporaries. *The Canterbury Tales* are read, the *Troilus and Criseyde*, and some of the minor poems. *Open to juniors.* PROFESSOR RISTINE.

13-14. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Shakespeare is the center of study for the year. All the plays are read, with critical study of certain dramas representative of the different stages in the development of his art. Lectures on the history of the drama from the beginnings to Shakespeare; collateral reading in the minor Elizabethan playwrights. Library topical work and practice in handling original sources. Term theses required. *Open to seniors who have completed with credit at least one year-course in this department.*

PROFESSOR RISTINE.

PHILOSOPHY

ASSOCIATE PROFESSOR MORGAN

1-2. INTRODUCTION TO PHILOSOPHY. An approach to the subject through consideration of the sciences. Special study of psychology as a science in process of formation, and of logic as the body of principles implicit in scientific reasoning. *Open to sophomores.*

3-4. PHILOSOPHICAL CLASSICS. The history of philosophy in four great civilizations, illustrated by careful study of a few great thinkers and brief parallel readings in the systems related to these central figures. *Prerequisite, 1-2.*

5-6. METAPHYSICS. A critical and systematic course, based on readings in contemporary authors. *Prerequisite, 1-2.* (Not offered in 1933-34.)

7-8. AIMS OF EDUCATION. Comparative study of educational ideals and institutions, historical and contemporary, considered in relation to social and cultural philosophy as a whole. *Prerequisite, 1-2. Alternates with 9-10.*

9-10. METHODS OF EDUCATION. Basic principles of educational psychology and mental hygiene; classroom technique; vocational guidance; educational measurement; observation and practice teaching. *Prerequisite, 1-2. Alternates with 7-8.* (Not offered in 1933-34.)

TEACHER'S CERTIFICATE. Under the rules of the New York State Department of Education, a "Professional Certificate," valid for three years, is granted to a graduate of an approved college. At the end of three years' successful experience in teaching, a "College Graduate Certificate" will be issued, valid for life. This exempts from further examination, except in certain cities. An undergraduate who desires this certificate should complete Philosophy 1-2, 7-8, and 9-10.

ETHICS AND CHRISTIAN EVIDENCES

ASSISTANT PROFESSOR MOORE

1-2. INTRODUCTION TO THE BIBLE. The religion and literature of the Bible as illuminated by the historical method. First semester: the literature of the Old Testament as a product of the developing religious experience of the Hebrew people, and in relation to the social and political situation. Second semester: the New Testament; nascent Christianity, its environment and literature. A textbook, the revised version of the Bible, and collateral reading. *Open to juniors.*

3-4. HISTORY OF RELIGIONS. A study of primitive religion and of the leading historical and living religions from the historical standpoint. Emphasis on the significance of religion and on present day aspects. A textbook, collateral reading, and reports. *Open to juniors.*

5-6. CONTEMPORARY CHRISTIANITY. First semester: a study of the churches: their organization, rites, activities, and beliefs. Second semester: the ethical teachings of Jesus and of the churches of today. *Open to juniors.*

HISTORY

PROFESSOR BONHAM AND ASSOCIATE PROFESSOR GRAVES

1-2. MEDIEVAL AND MODERN EUROPE. A general survey in which the leading features of medieval civilization are studied, with the evolution therefrom of modern nations and their institutions. *Open to freshmen.* PROFESSOR BONHAM AND ASSOCIATE PROFESSOR GRAVES.

3-4. ENGLAND AND THE BRITISH EMPIRE. A detailed study of the rise and development of English institutions, and their spread to other parts of the world. Such items as language, law, parliamentary

government, colonization, are emphasized. *Open to sophomores. Prerequisite, 1-2.* ASSOCIATE PROFESSOR GRAVES.

5-6. EUROPE SINCE 1600. First semester: social, cultural, and political history from 1600 to 1815. Second semester: social, cultural, and political history from 1815 to the present. *Open to juniors. Prerequisite, 1-2. Alternates with 11-12.* ASSOCIATE PROFESSOR GRAVES.

7-8. THE COLONIZATION OF NORTH AMERICA; DEVELOPMENT OF THE UNITED STATES. The European background; the establishment of European institutions in America; the struggles for independence; the establishment of the Federal government; the evolution of the American nation. *Open to sophomores. Prerequisite, 1-2.*

PROFESSOR BONHAM.

9-10. CANADA. First semester: the rise and fall of New France; Canada in the American Revolution. Second semester: the evolution of the Canadian Dominion; its place in world politics. *Open to juniors. Prerequisite, 1-2. Alternates with 13-14.* (Not offered in 1933-34.)

PROFESSOR BONHAM.

11-12. EUROPEAN CIVILIZATION FROM THE FIFTH TO THE SEVENTEENTH CENTURY. First semester: the society and culture of the Middle Ages. Second semester: the society and culture of the period usually designated Renaissance and Reformation. *Open to juniors. Prerequisite, 1-2. Alternates with 5-6.* (Not offered in 1933-34.)

ASSOCIATE PROFESSOR GRAVES.

13-14. LATIN AMERICA. First semester: the transfer of Spanish and Portuguese institutions to America; colonial society; the wars for independence. Second semester: the development of the Latin American republics; their relations to the United States and to world politics. *Open to juniors. Prerequisite, 1-2. Alternates with 9-10.*

PROFESSOR BONHAM.

POLITICAL SCIENCE

ASSOCIATE PROFESSOR LAVES AND ASSISTANT PROFESSOR DEALEY

1-2. THE PROBLEM OF GOVERNMENT. A comprehensive study of the problems of governmental structure and operation in democracies, the course being based mainly upon the government of the United States. Attention will be paid to political parties and to the formation and control of public opinion. *Open to sophomores.*

ASSOCIATE PROFESSOR LAVES AND ASSISTANT PROFESSOR DEALEY.

3-4. Comparative Government. Problems in democratic national and local government and administration in Great Britain and France, the rise of democracy in Japan, and the governments and economic policies of the Fascist and Communist dictatorships in Germany, Italy, and the Soviet Union. *Prerequisite, 1-2.* Assistant Professor Dealey.

5-6. International Relations and International Law. The organization and conduct of relations among states. An introduction to international law, organization, and politics. *Open to seniors.*
Associate Professor Laves.

7-8. American Diplomacy. A detailed study of the foreign policy of the United States toward certain selected world powers. Special emphasis is placed on problems such as neutrality, extraterritoriality, freedom of the seas, Monroe Doctrine, arbitration, recognition, colonization, economic penetration. *Open to approved seniors who elect 5-6. Prerequisite, 3-4.* Associate Professor Laves.

9-10. Constitutional Law; Development of Political Thought. First semester: a case-study of American constitutional law with some emphasis upon the relation of political and economic developments to its interpretation. Second semester: readings from the works of leading political thinkers. Stress will be laid upon the development of the principle of state sovereignty and upon changing concepts of the relations between government and business. *Open to approved seniors. Prerequisite, 1-2.* Assistant Professor Dealey.

Economics

Professor Patton

1-2. General Economics. A study of the productivity, interrelationships, and social regulation of economic activities, with particular reference to contemporary American conditions. *Open to juniors.*

3-4. A Survey of Economic Life. The broader factors governing economic life, including pecuniary emulation, diminishing returns, the growth of the technological tradition, and the influence of natural resources. *Open to juniors.*

5-6. Economic Problems. A detailed study of the corporation, trust, and public utility problems as they affect the American people today. *Open to seniors.*

Art

Professor Fitch, Professor Chase, and Mr. Root

1-2. Ancient Art. First semester: Greek sculpture, architecture, and vase-painting. Second semester: Roman sculpture, painting, architecture, and construction; early Christian and Byzantine art; transition to medieval art. A textbook, supplemented by illustrative material, including charts, photographs, and lantern slides; collateral reading. *Open to seniors.* Professors Fitch and Chase.

3-4. Appreciation of Art. A consideration of the aesthetic and expressive aspects of graphic forms, followed by a brief critical and historical review of the work of the greatest masters of European painting from Giotto to Picasso. Practically all discussion is based on pictures exhibited in the classroom. *Open to seniors and juniors in two divisions of ten men each. Three hours a week for twelve weeks. Credit, two semester hours.* Mr. Root.

Music Appreciation

Professor Shute and Professor Fancher

1-2. Introduction to Music. For undergraduates without musical training as well as for those with some musical background. First semester: the rudiments of music and the study of the various forms. Second semester: the history of music. *Open to juniors.*

Professor Shute.

3-4. Choral Music. The singing, largely *a capella,* of church music; selections from such great composers as Palestrina, Bach, Haydn, Byrd, Händel, Mendelssohn, from the liturgy of the Russian Church, from Negro spirituals, and from composers of the modern schools. Those taking this course constitute the College Choir. Open, with the approval of the instructor, to all undergraduates in regular standing. The basis of approval is ability to sing. *Three hours a week throughout the year. Credit, three semester hours.*

Professor Fancher.

5-6. Advanced Music Appreciation. A study of the music of the renaissance, of Bach, Beethoven, Brahms, and Wagner, and of modern composers. *Open to approved seniors. Prerequisite, 1-2.*

Professor Shute.

7-8. HARMONY. A practical course in harmony, designed to give the student a thorough command of chord relationships, with particular emphasis on harmonic ear-training. Applicants for this course must understand thoroughly notation and the elements of music, and be able to play some instrument or have had at least a year's work in the College Choir. *Open to juniors who elect 1-2, and to approved sophomores. Alternates with 9-10.* PROFESSOR SHUTE.

9-10. COUNTERPOINT. Thorough drill in contrapuntal writing for advanced students in composition. *Open to seniors who elect 5-6 and who have had 7-8. Alternates with 7-8.* (Not offered in 1933-34.)
PROFESSOR SHUTE.

For those desiring individual instruction in instrumental or vocal music, excellent teachers are available. A practice room is maintained by the College which may be rented for one hour daily at $15.00 for the college year.

There are also available for undergraduate use a large collection of phonograph records and a comprehensive section of the College Library devoted to music and musicians.

Group C

MATHEMATICS

PRESIDENT FERRY, PROFESSOR CARRUTH, PROFESSOR BROWN, AND ASSOCIATE PROFESSOR PATTERSON

1-2. ALGEBRA; TRIGONOMETRY. First semester: introductory review; functions and their graphs, theory of equations, determinants, partial fractions, permutations and combinations, infinite series. Second semester: theory and use of logarithms, definitions and relations of the trigonometric functions of acute angles and of angles in general, the solution of right and oblique triangles. *Required of all freshmen except those who enter with four and one-half units of mathematics.*
PROFESSORS BROWN AND CARRUTH, AND ASSOCIATE PROFESSOR PATTERSON.

3-4. ANALYTIC GEOMETRY; CALCULUS. First semester: an elementary course in plane analytic geometry. Cartesian and polar coördinates, simple curve-tracing, study of the straight line and conic sections. Second semester: differentiation and simple integration, with applications to algebra, geometry, and mechanics. *Prerequisite, 1-2, or four and one-half units of entrance mathematics.*
PROFESSORS BROWN AND CARRUTH, AND ASSOCIATE PROFESSOR PATTERSON

5-6. CALCULUS; ANALYTIC GEOMETRY. Further study of differential and integral calculus, and analytic geometry, including analytic geometry of three dimensions. Applications. *Prerequisite, 3-4.*

PROFESSOR CARRUTH.

7-8. DIFFERENTIAL EQUATIONS; PROJECTIVE GEOMETRY. First semester: the solution of the simpler types of differential equations, with applications to physics. Second semester: elementary synthetic geometry, involving ranges of the first and second order, and construction. *Prerequisite, 5-6.* ASSOCIATE PROFESSOR PATTERSON.

9-10. SURVEY COURSE. A survey of the earlier courses in algebra, analysis, and geometry, introducing material that had previously been omitted, supplying rigorous proofs for many theorems, and studying briefly the logical foundations of the science. A preparatory course for those planning either to teach or to take up graduate study in mathematics. *Open to juniors who have elected 7-8.*

PROFESSOR CARRUTH

BIOLOGY

PROFESSOR HESS, ASSOCIATE PROFESSOR BUTCHER, AND MR. ROGERS

1-2. GENERAL BIOLOGY. An introduction to the principles which govern plant and animal life, with particular attention to the structure and functions of organisms, especially as concerns digestion, respiration, coördination, excretion, and reproduction; such general topics as embryology, evolution, heredity, classification, and ecology. Laboratory work based on a study of plants and animals selected to illustrate the functions and principles involved. *Prerequisite to all later courses. Open to all classes. Laboratory fee, $20.*

3-4. ANATOMY; EMBRYOLOGY. First semester: the dissection and study of a series of vertebrates from a comparative viewpoint, tracing the progressive modifications in the organ systems from fishes to mammals, with special emphasis on mammalian anatomy. Second semester: the development of representative forms of the chief groups of vertebrates, with particular emphasis on the embryology of the frog, chick, and mammal, supplemented by demonstrations of other forms. *Prerequisite, 1-2. Laboratory fee, $20.*

5-6. HEREDITY; HISTOLOGY. First semester: a study of the leading theories of evolution and heredity; the problems of animal and plant breeding. In the laboratory, practical application of the theories of inheritance as illustrated by the fruit fly. Second semester: a practical

course in the methods of microscopical technique, and a study of mammalian tissues. *Prerequisite, 1-2. Laboratory fee, $20.*

7-8. PHYSIOLOGY; BACTERIOLOGY. First semester: the functions of the organ systems in the different animal groups, including a study of the more fundamental problems of general physiology—nutrition, circulation, respiration, excretion, and coördination. Second semester: microorganisms that are related to health and general welfare; the preparation and handling of cultures and the technique of water and milk examination. *Open to juniors. Prerequisites, 3-4, and Chemistry 1-2; but all three courses may be taken together. Laboratory fee, $20.*

9-10. INVERTEBRATE ZOOLOGY; ADVANCED ZOOLOGY. First semester: the study of invertebrate animals, including both the structure and the physiology of representative forms. Second semester: readings, conferences, and laboratory work on problems in such fields as experimental embryology, entomology, ecology, histology, and physiology. *Prerequisites, Biology 1-2, and the approval of the instructor. Laboratory fee, $20.* (Not offered in 1933-34.)

CHEMISTRY

PROFESSOR SAUNDERS AND ASSOCIATE PROFESSOR MCKINNEY

All courses in chemistry require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses. The laboratory fees are $25 a year.

1-2. ELEMENTARY COLLEGE CHEMISTRY. A thorough discussion of the fundamental laws and theories of chemistry, together with a study of the gases, the metals, and the periodic system of the elements. In the lecture room special emphasis is laid on chemical calculations, and in the laboratory a considerable number of quantitative experiments are made to illustrate the laws of combining proportions, etc.

PROFESSOR SAUNDERS.

3-4. ANALYTICAL CHEMISTRY. First semester: qualitative analysis. The theory and practice involved in the systematic separation and identification of the commoner cations and anions and the analysis of unknown substances. Second semester: quantitative analysis. Classroom drill and laboratory practice in the more important typical gravimetric and volumetric methods. *Prerequisite, 1-2. Alternates with 5-6.*

ASSOCIATE PROFESSOR MCKINNEY.

5-6. ORGANIC CHEMISTRY. An introduction to the chemistry of the compounds of carbon. The more important groups of aliphatic and

aromatic compounds; lectures and recitations, with closely coördinated laboratory work on the preparation of typical compounds; selected special topics, such as the chemistry of nutrition and agricultural chemistry. *Prerequisite, 1-2. Alternates with 3-4.* (Not offered in 1933-34.) ASSOCIATE PROFESSOR MCKINNEY.

7-8. PHYSICAL CHEMISTRY. A study of the theories and laws of chemical phenomena. Gases, liquids, solids, solutions, colloids, thermochemistry, equilibrium, the phase rule, reaction velocities, electrical conductance, and a brief consideration of radioactivity and atomic structure from the chemical point of view. Laboratory work illustrating the fundamental principles considered in the classroom. Lectures, recitations, and laboratory. *Prerequisites, 3-4 and 5-6, and Physics 1-2 or its equivalent; but Chemistry 3-4 and 7-8 may be taken together. For those specializing in chemistry, Mathematics 3-4 is strongly recommended.* ASSOCIATE PROFESSOR MCKINNEY.

9-10. ADVANCED ORGANIC CHEMISTRY. A laboratory course continuing the work of 5-6. Emphasis is laid upon the study of the various type reactions of organic chemistry. Detailed attention is paid to the experimental conditions, yields, purity of products, and other factors necessary to the more advanced type of organic preparations. Conferences and laboratory work. *Open to juniors. Prerequisite, 5-6.* ASSOCIATE PROFESSOR MCKINNEY.

PHYSICS

ASSOCIATE PROFESSOR CAMERON AND DR. NILE

1-2. GENERAL PHYSICS. The general principles of mechanics, sound, heat, light, electricity, and magnetism. Lectures, recitations, and laboratory work. *Open to sophomores. Laboratory fee, $10.*

3-4. EXPERIMENTAL PHYSICS. A second year of general physics with the emphasis on quantitative laboratory work. Lectures on the theory of measurement, errors, and the principles underlying the experiments. *Open to juniors. Prerequisites, 1-2, and Mathematics 3-4. Laboratory fee, $20.*

9-10. MODERN TOPICS. A lecture-recitation course on recent developments in physics. *Open to juniors. Prerequisite, 1-2.*

Note: Physics 1-2 or 3-4 will meet the requirements in physics for admission to the better medical schools.

Geology

Professor Dale and Dr. Rouse

1-2. General Geology. An introductory course, including studies of the various geological agencies and processes responsible for the past and present surface features of the earth, the general composition and structure of the earth's crust, and the geological history of the earth. Lectures, recitations, laboratory, and field trips. *Open to sophomores. Laboratory fee, $10.*

3-4. Mineralogy. A descriptive and determinative study of the important rock-forming minerals and others of particular scientific and economic importance, including an introductory course on crystal forms. Lectures, laboratory, and field work. *Prerequisites, 1-2, and Chemistry 1-2; but 3-4 may be taken with 1-2. Laboratory fee, $10.*

5-6. Structural and Economic Geology. First semester: a study of the primary structures of sedimentary and igneous rocks and the principles of deformation and geotectonics. Methods of determination of the structures in the field; interpretation and construction of topographic and geologic maps. Second semester: the geologic occurrence and origin of the important metallic and non-metallic ores with special consideration of coal, petroleum, and iron. The relation and the importance of these to man is an essential part of the course. Lectures, discussions, laboratory, and field problems. *Prerequisite, 1-2. Laboratory fee, $10.*

7-8. Physiographic and Economic Geography. First semester: the consideration of geomorphology as applied to the physiographic provinces of the United States, followed by the elements of oceanography, meteorology, climatology, and paleoclimatology. Second semester: a detailed regional study of the relations between man and the natural environment of North America, particular attention being given to the resources of this continent. Lectures, discussions, laboratory, and field work. *Prerequisite, 1-2. Laboratory fee, $10.*

9-10. Petrography and Petrology. A microscopic study of rock-forming minerals and rocks, followed by the history, origin, and classification of rocks. Laboratory, lectures, and field work. *Prerequisites, 1-2 and 3-4. Laboratory fee, $10.* (Not offered in 1933-34.)

Physical Education

Directors Prettyman, Gélas, and Winters, and
Associate Director Weber

Three periods a week are required of all undergraduates, including 12 hours of golf, 12 hours of tennis, and 12 hours of skating, either in scheduled courses or as otherwise arranged.

The satisfactory completion of a course is determined by regularity of attendance, acquisition of knowledge, interest and effort, improvement, and ability.

1-2. Freshman Physical Education. Instruction and practice in the fundamentals of tennis, golf, skating, and track athletics. Calisthenics, lower group games, and playground ball. Physical examinations, hygiene, and tests. *Required of all freshmen.*

3-4. Sophomore Physical Education. Instruction and practice in the fundamentals of playground ball, speedball, basketball, hockey, and boxing. The activities include volley ball, golf, and tennis. *Prerequisite, 1-2.*

5-6. Junior-Senior Physical Education. The requirement may be satisfied during the autumn and spring by electing golf, tennis, class team games and practice, or particular exercises approved by the department. During the winter the work is conducted in regularly scheduled class hours, and includes tumbling, stunt apparatus, basketball, ice hockey, fencing, indoor baseball, and volley ball. *Prerequisite, 3-4.*

All athletic activities are under the direction of this department. The recognized athletic teams are football, soccer, cross-country, basketball, ice hockey, fencing, track, baseball, golf, and tennis. Participation in the practice of one of these teams is accepted as an equivalent of the corresponding portion of 3-4 and 5-6.

Interclass competitions are arranged in all the intercollegiate sports, and instruction is provided as far as possible. Interfraternity and individual competitions in basketball, ice hockey, playground ball, track, golf, and tennis are encouraged and sponsored.

HONORS AND DEGREES

Honors and Commencement Appointments

Department honors may be awarded at graduation in the following subjects or groups of subjects: Greek; Latin; German; French; Italian and Spanish; English Composition; Public Speaking; English Literature; Philosophy; Economics; Political Science; History; Ethics and Christian Evidences; Music; Mathematics; Biology; Chemistry; Geology; Physics. An honor requires the attainment of an average standing of not less than 90 in the courses on which the honor is based. Undergraduates attaining a standing between 85 and 90 may also receive the honor, but only on a special recommendation by the head of the department, in which case extra work may be required. Usually all the work offered by a department must be taken; but no undergraduate is required to repeat in college a course accepted for admission to the freshman class, or to take more than three courses in Philosophy or four courses in Greek, German, French, History, or English Literature (including English Literature 11-12). In English Composition a candidate must take all the courses offered, and must submit an acceptable prize essay in each of the first three years and, in addition, an acceptable Pruyn, Head, or Kirkland Oration. In Public Speaking a candidate must be an appointee to the Clark Prize Oration contest or to the McKinney Prize Debate.

The names of seniors who have high honor, honor, or credit grades for the senior year and for the entire course are announced at the final chapel of the year. The Valedictorian and the Salutatorian are the two members of the graduating class who have attained, respectively, the highest and the next to the highest standing for the entire course.

Commencement speakers are: the Pruyn Prize, Head Prize, and Kirkland Prize Orators; the Salutatorian, and the Valedic-

torian. If any one of these is not appointed, or if two appointments fall to one person, the Faculty may appoint others, not exceeding seven in all, from men of high honor grade and excellent rhetorical record.

DEGREES

The only bachelor's degrees conferred by the College are Bachelor of Arts and Bachelor of Science. Information in regard to the requirements for these degrees is to be found on pages 28-29.

The master's degree may be conferred upon graduates of Hamilton, or of another college with equivalent courses, for resident study for one year. A candidate for this degree must present a program of study which forms a consistent plan of work, pursued with some definite aim, whether it lies within a single department or, preferably, in more than one department. This program must include work in at least two related subjects, in one of which the candidate must present an acceptable thesis. His program of study and the subject of his thesis must be reported to the Faculty early in the first semester. He must successfully meet the semester examinations in his subjects, and at the end of the year an oral examination before a committee of two members of the Faculty. Bachelors not in residence but otherwise fulfilling these conditions may receive the master's degree in two years upon payment of regular tuition.

Honorary degrees are conferred only upon those who, having accepted advance notification, are present in person to receive them.

Phi Beta Kappa

The Epsilon Chapter of the Phi Beta Kappa Society in the State of New York was chartered and established at Hamilton College in 1870. Two groups of undergraduates are regularly elected to this Society annually; one at the end of the junior year and the other after the conclusion of the examinations of

the first semester of the senior year. Other seniors may be elected at the end of the second semester. The choices are made on the basis of scholarship standing, and the total number elected may not include more than one-fourth of the graduating class. It is expressly provided, further, that none may be elected whose scholastic average is below 85, and that not more than fifteen men in total may be chosen from any one class.

The Root Fellowship

THE ROOT FELLOWSHIP IN SCIENCE, established in 1894 by the Honorable Elihu Root, of the Class of 1864, is ordinarily granted for a single year of graduate study at some American or European university approved for that purpose in each individual instance by the Faculty. The stipend is $1,000, payable in October, February, and May in equal installments. The payment of each installment of the stipend is conditioned on the submission to the President by the fellow of satisfactory evidence of the successful progress of his studies. In the case of the third payment, this evidence shall consist of a comprehensive written report which shall be filed in the college records. At the request of the Faculty, the fellow shall, on some suitable date between the spring recess and commencement, give a lecture or address to the College on a subject appropriate to his work of the year.

Any member of the senior class who has proved himself of a high order of scholarly attainment and has shown marked ability and special aptitude for research in one or more of the departments of science may be nominated to the Faculty for this award by the professors of those departments. From the men thus nominated, the Faculty will select by ballot by a two-thirds vote one who shall be recommended to the Trustees for appointment.

If the Faculty finds no suitable candidate in the graduating class of any year, it may recommend to the Trustees that the

fellow appointed from the preceding class be continued in the fellowship for a second year, but no longer.

Classical Fellowships

This College contributes regularly to the support of the American School of Classical Studies at Athens and the American School of Classical Studies at Rome. Properly equipped graduates of the College are thereby entitled to compete for the annual fellowships awarded by these Schools, and to pursue studies at either without payment of tuition.

Scholarships

General Regulations

The income of the various permanent endowments enumerated below is used to provide scholarships for deserving undergraduates of slender means. Such scholarships are ordinarily granted for the first, second, and fourth years only. The stipend paid for the second and fourth years is $250 if the recipient maintained an average of high honor (90 to 100) through the previous year, and $220 if the average mark was of honor grade (85 to 90) for that year; in all other cases the amount which the scholarship regularly bears is $190. Scholarships are credited towards the term bills, one-half in each semester, if the holder keeps his eligibility good. A few of the scholarships are awarded under special rules.

No undergraduate may at one time hold more than one prize scholarship, nor while holding a prize scholarship may be awarded a general college scholarship.

Applications, which should be made to the President in writing, are considered in their order. The President must be personally assured of the fidelity and actual need of applicants. Ordinarily the benefits of these foundations are assigned to needy and meritorious students who have been orderly and diligent and who are without entrance conditions, postponed examinations of long arrears, or delinquencies in standing or

attendance. If an incumbent is extravagant, or is guilty of any gross impropriety, or neglects to stand above mediocrity, the aid will be summarily withdrawn. This rule applies to all scholarships, including the prize scholarships.

Applications for scholarships for any college year should be presented in the month of March preceding.

The names of all holders of college scholarships are published annually in the catalogue.

The State of New York provides in each assembly district five competitive college scholarships, based upon standing in Regents examinations, and yielding $100 annually for four years. Successful competitors may enter any college within the State. A state scholarship is not duplicated by a general college scholarship, but may be supplemented by it.

Scholarship Foundations

The amount of each foundation is $2,000, unless otherwise stated.

25 Andrew Carnegie, $50,000.
1 Leavenworth (for a student of that name), $12,000.
1 S. B. Steere (for a relative or for five others), $10,000.
6 Laura Carter.
5 Julia J. McCartee, Darling Memorial, $9,525.
2 William E. Dodge, $5,000.
2 S. H. Jardin.
2 Marquand Estate.
2 A. Delos Gridley, $5,000.
1 Alexander Folsom.
1 Marcus Judson, $1,000.
1 Nichols, $748.50.
1 Roswell P. Flower.
1 Geneva Presbytery, $1,700.
1 C. C. Sheppard, $1,500.
1 William Burton, $1,500.
1 John J. Knox, $1,500.
1 John R. Terrett Memorial, by A. P. Sloane.
1 D. Willis James.
1 Sylvester Willard Memorial.
1 Henry W. King.
1 Mrs. James L. Bradley.
1 J. B. Wells.
1 P. Charles Cole, $1,000.
1 Mrs. Charlotte B. Sackett Memorial, $10,000.
1 Charles Holland Duell, $10,000.
1 O. T. Bundy.
3 Asa G. Pettibone.
2 W. D. Walcott.
1 Henry Scott McCall, $1,000.
2 J. Platt Underwood, $5,000.
1 James P. Soper.
1 Class of 1867.
1 Harriet Emily Clark Byne, by George A. Clark, $5,000.

5 Soper Scholarships (for Rome scholars).
1 Albert Phillips.
4 Melville E. Dayton Memorial (for Utica Free Academy scholars).
2 Theodore S. Hubbard, $3,500.
2 Horace B. Silliman, $3,000.
1 Mrs. S. E. Baird, $2,500.
1 Charles D. Gilfillan, $2,500.
1 Class of 1899, $2,516.59.
1 Henry Wales, $1,467.68.
1 Edwin Baylies, $5,000.
1 Anonymous, $2,500.
1 H. Roswell Bates, by Maj. William A. Aiken.
1 Howard P. Ferguson, by Mary J. Mathewson.
1 Charles G. Matteson, $1,026.

Senior Prize Scholarships

Four prize scholarships are awarded by vote of the Faculty at the close of junior year, as follows:

The Chauncey S. Truax Prize Scholarship in Greek, yielding $350 to that senior who, having entered Hamilton as a freshman with unconditioned preparation in three years of Greek, shall have stood highest in the Greek work of the first three years with an average grade of not less than 85.

The Edward Huntington Memorial Mathematical Scholarship, founded by the late Alexander C. Soper, LL.D., '67, yielding $250.

The Arthur W. Soper Latin Scholarship, yielding $250.

The German Scholarship, founded by the late Hon. Charles Holland Duell, LL.D., '71, yielding $250.

The awards are made in the order, first, of the values, and second, of the ages of the foundations.

Each scholarship is awarded to the senior of highest standing in the department in which it is offered, unless another of these scholarships is already assigned to him. In this case the award is made to the next highest in the department who has not received an award. To be eligible, an undergraduate must have taken all the courses of the department concerned up to the end of junior year, including prize examinations, and upon receiving an award must elect the courses of the department through senior year. To receive the stipend, an appointee must com-

plete senior year in this College and pay in full the college bills of that year.

Junior Prize Scholarships

The Oren Root Prize Scholarships. Two scholarships, of $100 each, are awarded to the two juniors who have the best record in mathematics during the freshman and sophomore years, and continue that subject through the junior year.

The Renwick Prize Scholarship in Biology, founded by Edward A. Renwick, Esq., of Chicago, Ill., yields $75 to a member of the senior or junior class appointed by the Faculty, for the study of biology during the summer vacation.

Freshman Prize Scholarships

The Fayerweather Scholarships. Five scholarships, yielding $100 each for the freshman year, are awarded to five men of the freshman class, provided there are five, who gain the highest marks in the entrance examinations at the College in September on fifteen units of secondary school studies, as specified under Requirements for Admission. A competitor who fails in any unit may not receive an award. Appointees to these scholarships are eligible for the Maynard and Brockway Entrance Prize competitions (see "Prizes" 25, 26).

Prizes

It is provided in all cases that no award shall be made unless it appears to the judges that the work offered is worthy of such recognition.

To compete for a prize, an undergraduate must be in regular standing. Prizes are conferred only upon those present to receive them on commencement day, unless excuses for absence have been granted by vote of the Faculty. Applications for excuse must be presented through the Dean in writing before the final faculty meeting on the Friday preceding Commencement Day.

1. Curran Prize in Greek and Latin. A foundation of $700 by relatives of the late Col. Henry H. Curran, of the Class of 1862, provides a prize in Greek and Latin, offered to juniors, the prize consisting of money and a silver medal, commemorative of Col. Curran. The award is determined by written examinations in Greek and Latin. The competition in a given year is based upon course 5-6, 7-8, or 9-10, in Greek, and upon course 5-6 in Latin.

2, 3. Hawley Prizes in Greek and Latin. A foundation of $500 by the late Martin Hawley, of the Class of 1851, provides two book prizes, equal in value, one for excellence in Greek, and one for excellence in Latin. In both cases the award is made to the undergraduate who has the best record in course 3-4.

4. Winchell Prize in Greek. A foundation of $1,000 by the late Walter B. Winchell, M.D., of the Class of 1880, provides a prize of $50 to be awarded annually, with the approval of the Faculty, to the undergraduate who, beginning Greek in college, shall have made the best record in three year-courses in that language.

5. Brandt Prize in German. By Frederic P. Warfield, of the Class of 1896, in honor of the late Professor H. C. G. Brandt, a prize of $50 is offered to seniors for excellence in German.

Oration and Essay Prizes. All papers in these competitions must be upon subjects assigned by the Faculty, and must be left at the President's Office before noon on the first Saturday following the spring recess. They must be typewritten upon one side of sheets about eight by eleven inches, with broad margins for binding. Sheets must be properly numbered and fastened securely; they must not be rolled or folded. Each hundred words must be indicated by numbers in the margin. Each paper must be signed with a fictitious name, and accompanied by a sealed envelope similarly marked and containing the name of the author. Orations and essays submitted in competition are counted subject to the honor system and must have in the sealed envelope a properly signed honor statement.

Papers not conforming to these requirements and papers submitted late will be returned to the writers without credit. Prize orations must not be published before they are spoken. Successful papers become the property of the Library.

Only those in regular standing are eligible for these competitions.

Clark Prize orations will preferably contain about twelve hundred words and none will be approved which exceeds fifteen hundred words. The Pruyn, Head, and Kirkland orations are limited to twelve hundred words. A senior may submit more than one oration in any of these competitions, but the same senior may not receive more than one of the Pruyn, Head, and Kirkland prizes. Not more than six seniors will be appointed for the Clark Prize competition and not more than one in each of the other competitions. The Reading Committee of the Faculty will determine the successful contestants, allowing equal weight to the oration submitted and the record gained in the public speaking courses taken. No changes shall be made in the orations as submitted without the approval of the professor in charge. The selected Clark Prize contestants will deliver their orations on the Saturday evening of commencement week and the appointees in the other oratorical contests will have places in the programme of commencement day.

In the essay competitions, a competitor may write on more than one assigned subject, but he may receive only one award in any year. The essays may not contain more than thirty-five hundred words. They are judged by a committee chosen for the purpose by the Professor of Rhetoric and Oratory.

6. Clark Prize Oration. A foundation of $1,000, begun by the late Aaron Clark, A.M., of New York, increased by the late Henry A. Clark, of the Class of 1838, provides prizes for seniors excelling in original oratory.

Subjects, 1934: The Plight of the Farmer; German Nationalism of Today; Hitler and the Jews; Fascist Tendencies in America; Our New-Found Leisure; The Rise and Fall of the Banker; The French in Present-Day Canada; Foreign Missions under Fire; Labor and the NRA; Warden Lawes and Prison Reform; The Decline of the Senate; Education for Peace; Tammany Hall; Adventures with Bacteria.

Pruyn Prize Oration. A foundation of $500, given by the late John Van Schaick Lansing Pruyn, of Albany, Chancel-

lor of the University of the State of New York, given on August 5, 1863, has provided for the award annually of the so-called Pruyn Medal. Under a revision of its terms, as approved by his heirs on October 26, 1933, a prize of $50 is offered in alternate years for the senior or junior writing the best oration on "The Political Duties of Educated Young Men".

This prize is available for 1934 and alternate years thereafter.

Subject, 1934: The College Graduate as Community Leader.

8. Head Prize Oration. A foundation of $1,000 by the late Franklin H. Head, LL.D., of the Class of 1856, provides a prize for the senior writing the best oration upon a theme relating to Alexander Hamilton.

Subject, 1934: Alexander Hamilton, the Young Statesman.

9. Kirkland Prize Oration. A foundation of $500 by the late Mrs. A. R. Kirkland, of Clinton, provides a prize for the senior writing the best oration upon a theme in Biblical science.

Subject, 1934: The Mission and Message of Amos.

10. Kellogg Essay Prizes. A foundation of $700 by the late Charles C. Kellogg, of the Class of 1849, provides book prizes for one junior, one sophomore, and one freshman who excel in English essays.

Subjects, 1934: *Juniors:* Women Writers in Modern Fiction; T. S. Eliot. *Sophomores:* Hamilton Alumni Writers of Today. *Freshmen:* The Milk Strikes of 1933; The Freshman and the Fraternity.

11. Cobb Essay Prize. A foundation of $500 by the late Willard A. Cobb, of the Class of 1864, provides a prize of $25 for the undergraduate submitting the best essay on journalism.

Subject, 1934: Chester S. Lord, Editor.

12. Hutton Essay Prize. A foundation of $500 by the late William Hutton, D.D., of the Class of 1864, provides a prize of $25 for the sophomore submitting the best essay on an assigned subject in Biblical history.

Subject, 1934: The Apocryphal Books of the Old Testament.

13. CUNNINGHAM ESSAY PRIZE. A foundation of $500 by the late John Howard Cunningham, of the Class of 1866, provides a prize of $25 for the senior submitting the best essay on some phase of the life of Abraham Lincoln.

Subject, 1934: The Patience of Abraham Lincoln.

14. WILLIAM DUNCAN SAUNDERS PRIZE IN ENGLISH WRITING. A prize of $200, in memory of William Duncan Saunders, of the Class of 1925, is offered by Mrs. Edward Wales Root and Alexander Woollcott, L.H.D., of the Class of 1909, for the best piece of undergraduate writing either submitted in manuscript or published before the beginning of the second semester.

The competition is open to all undergraduates in attendance at the College in the year of the award. The prize is offered for each of ten years beginning with 1925-26. Papers are to be left at the President's Office before 12 o'clock on May 1. Professor Robert Barnes Rudd is the chairman of the Committee of Award and will nominate the other members, the majority of whom are to be from the Faculty of the College.

15. MCKINNEY PRIZE DEBATE. A foundation of $1,500 by the late Charles McKinney, of Binghamton, provides two prizes of $50 and $25 for seniors excelling in extemporaneous debate.

The proposition for debate is chosen by the Reading Committee and submitted to the Faculty for approval early in April.

The Prize Debate is held on the Wednesday evening nearest June 1, at eight o'clock. Notes may not be used in the debate. The award is made by a committee of five, not members of the Faculty, and is announced at the close of the debate. In making the decision, the judges determine the best and the second best debaters. These receive the prizes of $50 and $25 respectively.

Subject, 1933: This house disapproves of Japan's withdrawal from the League of Nations.

16. MCKINNEY PRIZE DECLAMATION. A foundation of $700 by the late Charles McKinney, of Binghamton, provides book prizes for the two men in each of the three lower classes who excel in declamation.

Four contestants are annually chosen from each of the three lower classes upon the basis of their record in declamation up to the time of appointment. The competition is held in the College Chapel on the Friday afternoon of commencement week. The award is made by a committee chosen by the Professor of Rhetoric and Oratory.

17. Squires Prize in Philosophy. A foundation of $2,000 by Byron B. Taggart, of the Class of 1896, in honor of William Harder Squires, Ph.D., of the Class of 1888, provides a prize of $100 to be awarded annually, with the approval of the Faculty, to that senior who shall have the highest grade when the marks in the three year-courses in philosophy and a special examination designed for the purpose are combined.

18. Darling Prize in American History. A foundation by the late Charles W. Darling, of Utica, supplemented by a friend of the College, provides a prize of $25 for the senior having the best record in at least two courses in American History offered to his class.

19. Putnam Prize in American History. The gift of Dr. Frederick W. Putnam, of Binghamton, supplemented by a friend of the College, provides a prize of books to the value of $20 for the senior having the second best record in at least two courses in American History offered to his class.

20. Soper Prize Thesis. A foundation of $1,500 by the late Arthur W. Soper, of New York, provides a prize of $75 for the best thesis on a topic in economics assigned by the Faculty.

The competition is open to all seniors who are taking a second or third year-course in Economics. The thesis subject for each class is announced toward the end of junior year. Theses are not limited as to length. They must be left at the President's Office before noon of the Saturday following the spring recess. They are judged by a committee chosen by the Faculty from outside its membership.

Subject, 1934: The Monetary Policies of the Roosevelt Administration.

21. Tompkins Prizes in Mathematics. A foundation of $3,200 by the late Hamilton B. Tompkins, A.M., of the Class

of 1865, provides prizes of $100 and $50 for juniors who excel in mathematics. The award is made upon the basis of an examination near the close of junior year, involving the work of courses 3-4 and 5-6 in mathematics.

22. Holbrook Prize in Biology. A foundation of $1,000 by the late David A. Holbrook, of the Class of 1844, provides a prize of $50 to the senior having the best record in three year-courses in biology.

23. Underwood Prize in Chemistry. A foundation of $3,000 begun by the late George Underwood, of the Class of 1838, and increased by the late J. Platt Underwood, of the Class of 1870, provides a prize for the senior who excels in chemistry.

24. Southworth Prize in Physics. A foundation of $500 by the late Tertius D. Southworth, of the Class of 1827, provides a prize for the senior who excels in physics.

25. Maynard Entrance Prize. A prize of $100 is offered annually by Reuben Leslie Maynard, A.M., of the Class of 1884, of New York, N. Y., to that freshman who shall have passed the best entrance examinations in all subjects of an admission group at the College in September, shall prove himself of good conduct and character in the College, and shall gain an average grade of high honor in his work through the freshman year.

26. Brockway Entrance Prize. A foundation established by the late Dr. A. Norton Brockway, of the Class of 1857, provides a prize of $25 annually which is offered to the freshman who shall have passed the second best entrance examinations in all the subjects of an admission group at the College in September and shall complete the work of the freshman year in an orderly manner.

GENERAL INFORMATION

Situation

The College is situated at the center of New York State, in the county of Oneida, one mile from the village of Clinton. Seven miles to the northeast lies the city of Utica, on the main line of the New York Central, accessible from Clinton both by trolley and by the New York, Ontario & Western Railroad (at present without passenger service).

The College occupies a natural plateau nine hundred feet above the sea and three hundred feet above the adjacent valley. Its campus is a park of about one hundred and fifty acres, shaded by venerable trees, with an easterly exposure, overlooking the Oriskany and Mohawk valleys. Its buildings, arranged in quadrangles, are modern and adequate, and with few exceptions are constructed entirely of stone. The naturally healthful conditions secured by the elevation and by air exceptionally pure and dry are supplemented by a private water supply from spring-fed reservoirs above the College, and by an extensive system of sanitation constructed in accordance with the best modern practice and officially approved by the state authorities.

Buildings

Dormitories. Three dormitories afford exceptional accommodations for about one-half of the undergraduates. Carnegie Hall (1904) and South College (1906) together receive about 140 men. North College (1842, refinished 1931) affords comfortable accommodations for 62 men at more moderate rental. All three dormitories are heated by steam and have electric lights, suitable bathrooms, and hardwood floors. North College has a reception room for the use of the occupants.

Nearly all the rooms are arranged in suites, which are restrict-

ed to two, three, or four occupants. No reduction is made in the rental if a suite is occupied by less than the designated number of men. The College provides essential furniture; and full care of rooms is included in the rental. All rooms are leased for the academic year only, and the buildings are closed during vacations. Fuller details and the rules governing the leasing of rooms may be obtained from Edward M. Coughlin, the Bursar of the College.

SCIENCE AND RECITATION HALLS. Three buildings are devoted to the work of the science departments. Root Hall of Science (1897) houses the departments of physics and mathematics, with an entire floor for each. The Chemical Laboratory (1903), a two-story stone building, greatly enlarged and newly equipped in 1930, is devoted exclusively to the department of chemistry. The Biology-Geology Building (1925), at the north end of the west quadrangle, accommodates the departments of biology and geology. It contains ample laboratories and lecture rooms, the departmental libraries, and the College Museums of Natural History, Mineralogy, and Anthropology. Silliman Hall (1889) accommodates the department of music appreciation, and furnishes a meeting place for the undergraduates. Benedict Hall of Languages (1897) and Truax Hall of Philosophy (1900) provide recitation rooms for other departments of instruction.

ADMINISTRATION BUILDING. Buttrick Hall (1812), recently known as Knox Hall, the first building erected by the College, has been restored (1926) to its original form and adapted to the purposes of administration. It provides offices for the President and other officers of the College, and a convenient room for meetings of the Trustees and of the Faculty.

CHAPEL. The Chapel (1828, enlarged 1897), occupying the central site on the campus, is the home of the religious life of the College. It contains a fine organ and memorial windows. Here are held public lectures, concerts, and the commencement exercises. It is also the College Church.

COMMONS. The Soper Commons (1903), a dignified Gothic dining hall, has accommodations for furnishing table board to two hundred students. It is the center of the collective social life of the College. Here are held college dinners, undergraduate gatherings, and the alumni luncheon at commencement.

GYMNASIUM AND ATHLETIC EQUIPMENT. The Soper Gymnasium (1891, remodeled 1912) is equipped to afford facilities for indoor training. The ground floor contains the directors' offices, a large locker room with steel lockers, dressing rooms, showers, and a stock-room. The main exercising floor above is fitted with an oval running track, a basketball court, and wall and floor apparatus.

The Russell Sage Building (1922) houses a 220-yard cinder running track and an enclosed playing field about 85 by 200 feet in size. This serves in winter as an ice-hockey rink and in other seasons, particularly during inclement weather, for the scheduled physical training hours of the undergraduate body generally. This building provides at the same time a well-lighted space for football practice of certain kinds in the late afternoon hours of October and November and a place for baseball in the spring and tennis in the rainy days of summer.

The Steuben Athletic Field, adjoining the main group of buildings, has a well-drained and watered football field and jumping pits, surrounded by a quarter-mile track and a 220-yard straight-away, both of cinders; a soccer field; a baseball diamond beyond the Russell Sage Building, carefully leveled and drained; and nine tennis courts.

The equipment of the College for physical training includes also the Hamilton B. Tompkins Golf Course of nine holes, covering about sixty-five acres, all in the northwesterly portion of the campus, with the first tee and the ninth green both within a few rods of the gymnasium.

LIBRARY. The Library (1914), the gift of Mrs. Ellen Curtiss James, is a substantial fireproof building, well adapted to the needs of the College. It has a reading room, 30 by 65 feet in

size, with a small stack room adjoining, accommodating a selected students' library and reference books; a main stack room with a capacity of 100,000 volumes; a treasure room; an art room, with a stack room adjoining, for books on art and archeology; a newspaper room; and rooms for other special purposes. One of the larger rooms has been redecorated and furnished, and equipped with about 1,500 volumes, as a "Browsing Room", a memorial to a friend of the College.

The Library contains the following special collections: the Edward Robinson Library on the Geography of Palestine, including most of the itineraries and books of travel before 1850; the Brandt Collection on Germanic Philology; the Morrill Library of Biology; the Shepard Library of Old Provençal, Old French, French literature of the Middle Ages, and modern French literature; and from various sources large and growing collections on classical archeology and philology, on Romance philology, and on medieval English history. In the field of classical archeology it has several hundred Greek and Roman coins, the gift of Dr. N. Emmons Paine, of the Class of 1874, and of the late Benjamin W. Arnold, LL.D., of the Class of 1886; the Burgess Collection of more than one hundred examples of ancient glass, Greek vases, and Etruscan and Roman pottery, the bequest of the late Professor Edward S. Burgess, of the Class of 1879; papyri, casts, and about 3,000 photographs and prints.

The Library is open every college week-day from eight to six and from seven-thirty to eleven; on Sundays in the afternoon and evening; and in vacations daily from nine to four. Guidance is given to the students in the use of the catalogues and reference books and in the methods of working in the Library.

At present the Library contains about 154,000 volumes and 35,000 pamphlets. It is card-catalogued both by authors and by subjects. About 700 current periodicals and serials are received. The income from Library endowments of nearly $200,000,

supplemented by appropriations from the general funds of the College, provides for its growth and administration. There were added 6,432 volumes during the year 1932-33. In the selection of books, primary regard is given to the wants of the several departments of instruction and to the needs of the Faculty for research; but recommendations for the purchase of books of general interest, or such as any undergraduate desires for his own reading, always receive attention and are acted upon favorably if possible.

Scientific Collections

The Knox Museum of Natural History, located in the Biology-Geology Building, contains valuable scientific collections, the most important of which are classified as follows:

Geology and Mineralogy. More than 20,000 specimens of fossils, rocks, and minerals are accurately classified and arranged to illustrate the geological history of the earth, and the economic geology and mineralogy of important regions, particularly of New York State. The collection was founded by the elder Professor Oren Root, of the Class of 1833, about 1850. Under his direction it was extended to include 10,000 specimens, chiefly from New York State, some of which are the finest of their several kinds; and this part is known as the Oren Root Collection of New York State Minerals. It has been increased by purchase, by exchange, and by generous gifts from the late Egbert Bagg, of Utica, N. Y., John D. Conley, Ph.D., '69, of Carlinville, Ill., the late Benjamin W. Arnold, LL.D., '86, of Albany, N. Y., Mrs. Frederick H. Gouge, of Utica, N. Y., and other friends of the College.

Biology. The biological division includes the extensive herbarium of the late Dr. H. P. Sartwell, of Penn Yan, N. Y., well known as a fine representation of American flora; the rare Benjamin D. Gilbert collection of ferns, donated by the Utica Public Library of Utica, N. Y.; upwards of 3,000 land, fresh-water, and marine shells, accurately classified; a collection of Japanese shells and insects, the gift of the late Rev. Henry Loomis, '66; the Barlow collection, comprising 13,000 insects, presented by the late Hon. Thomas Barlow, of Canastota, N. Y.; a large and valuable collection of butterflies, presented by the late Benjamin W. Arnold, LL.D., '86, of Albany, N. Y.; several hundred bird skins, collected and prepared by Harry E. Dounce, '10; and several

hundred specimens of birds and mammals, well mounted and classified.

ANTHROPOLOGY. The collection includes upwards of 2,000 specimens to illustrate the civilization of the Indians of North America, an extensive collection from the lake dwellings at Robenhausen, Switzerland, and many specimens illustrative of primitive culture in other parts of the world.

Medical Service

RESIDENT PHYSICIAN. By arrangement of the Board of Trustees, Dr. V. B. Hamlin, of Clinton, a physician of many years of successful experience, is regularly available to all officers and undergraduates of the College at his office in the Infirmary from 1 to 1:30 p. m. on week-days and from 10 to 10:30 a. m. on Sundays.

INFIRMARY. The Perry H. Smith Hall, formerly the College Library, became the College Infirmary in 1923. It includes a large ward with six beds, two isolation rooms, a surgeon's room, with medical and surgical appliances, an X-ray outfit, and a diet kitchen; and accommodations for the resident nurse.

An infirmary fee of $10 a year entitles the undergraduates to the services of the college physician and the resident nurse. In particular, one week in the Infirmary is provided without further cost. A charge of twenty-five cents is made in each instance for medicine and other materials used in dispensary treatment.

A foundation, known as the Robert Macalister Farrell Nursing Fund, donated by Dr. Thomas H. Farrell, of Utica, in memory of his son, Robert Macalister Farrell, '21, is applied toward the cost of hospital care for undergraduates.

Religious Instruction

The College, while under no denominational control, is distinctly Christian, and regards divine worship as a regular part of the life of its students. It avows its historic debt both to the Christian faith and to the patriotic devotion of its founders, and treats the devout recognition of God, revealed in His world

and His word, as elemental and indispensable in the development of true manhood.

As a required college exercise there is held in the Chapel each week-day morning at eight a brief service, with Bible reading, song, and prayer. Each Sunday morning at half-past ten o'clock there is public worship, at which all members of the College are regularly required to be present.

The college preachers for the year 1932-1933 were:

Rev. Howard C. Robbins, D.D., General Theological Seminary, New York, N. Y.

Rev. Arthur W. Hewitt, D.D., Riverton, Vt.

Pres. J. Edgar Park, D.D., LL.D., Wheaton College, Norton, Mass.

Rev. Theodore C. Speers, Utica, N. Y.

Rev. Archibald Black, Montclair, N. J.

Rev. Paul Scherer, D.D., New York, N. Y.

Rev. Louis H. Holden, D.D., New Brunswick, N. J.

Rev. Benjamin T. Marshall, D.D., Worcester, Mass.

Rev. William C. Covert, D.D., Philadelphia, Pa.

Rev. Wilbur V. Mallalieu, D.D., Charleston, W. Va.

Rev. Tertius van Dyke, Washington, Conn.

Dean Robert Russell Wicks, D.D., Princeton University, Princeton, N. J.

Rev. J. Harvey Murphy, D.D., Hudson, N. Y.

Rt. Rev. Charles Fiske, D.D., Utica, N. Y.

Rev. Willard P. Soper, D.D., Pelham Manor, N. Y.

Rev. Phillips Elliott, Brooklyn, N. Y.

Rev. Peter Kenneth Emmons, D.D., Scranton, Pa.

Rt. Rev. G. Ashton Oldham, S.T.D., Albany, N. Y.

Rev. Prof. Robert L. Calhoun, Ph.D., Yale Divinity School, New Haven, Conn.

Pres. Henry Sloane Coffin, D.D., LL.D., Union Theological Seminary, New York, N. Y.

Dean Henry P. Van Dusen, Ph.D., Union Theological Seminary, New York, N. Y.

Rev. Anthony N. Petersen, D.D., Scarborough, N. Y.

Rev. Carl H. Elmore, Englewood, N. J.

Rev. Robert W. Coe, D.D., Brookline, Mass.

Rev. Prof. A. Bruce Curry, Ph.D., Union Theological Seminary, New York, N. Y.

Rev. Prof. Gaius Glenn Atkins, D.D., Auburn Theological Seminary, Auburn, N. Y.

Rev. Prof. Henry Hallam Tweedy, D.D., Yale Divinity School, New Haven, Conn.

Rev. H. Adye Prichard, D.D., Mt. Kisco, N. Y.

Rev. William P. Schell, D.D., New York, N. Y.

Rev. Donald B. Aldrich, D.D., New York, N. Y.

Rev. Carroll Perry, D.D., Ipswich, Mass.

Rev. Wendell Prime Keeler, D.D., Yonkers, N. Y.

Pres. Paul D. Moody, D.D., Middlebury College, Middlebury, Vt.

Pres. Frederick C. Ferry, LL.D., Hamilton College, Clinton, N. Y.

Every Christian man entering college is urged to become a member of the College Church, by letter either of commendation or of transfer. The Lord's Supper is celebrated three times in the college year.

Lectures

Myers Lectures. Under a memorial endowment established by the mother of the late John Ripley Myers, '87, public lectures on subjects of general interest are given annually before the College by persons of distinction.

Wood Lectures. A fund established in his honor by friends and former students of the late Professor Frank Hoyt Wood, Ph.D., provides for an annual lecture by a speaker selected by the Department of Political Science, with the approval of the Faculty. The lecture of the year 1932-33 was delivered by Walter J. Millard, of the National Municipal League, on the subject "Your Money's Worth from Local Government."

Musical Associations

The College Choir is an undergraduate chorus which devotes itself to the singing of the highest type of choral music. Its reputation is so outstanding that a large and distinguished audience gathers for its recital in New York City, during the annual spring tour (see Music Appreciation 3-4, p. 45).

All undergraduates have an opportunity to compete for ad-

mission to the Choir. Ability to sing is the sole requirement. Previous experience is helpful but not necessary.

The Musical Art Society, an association which includes in its membership faculty, undergraduates, and alumni of the College, sponsors several concerts each year by such artists as José Iturbi, Friedrich Schorr, Georges Barrère, and the Musical Art Quartet. These concerts are supplemented by informal musicales given by members of the Faculty and by visiting musicians.

The College Band provides opportunity for musical expression for undergraduates who play wind instruments.

Undergraduate Organizations

General Association for Undergraduate Activities. The following undergraduate organizations are included in the General Association for Undergraduate Activities: the athletic teams, intramural sports, the dramatic club, and intercollegiate debating. The control of these various organizations, under the general rules laid down by the Faculty, is to some extent in the hands of a council or executive board of the General Association, consisting of three undergraduates, three members of the Faculty, and three alumni. An officer of the College is treasurer and all moneys pass through his hands.

Membership in the General Association is open to undergraduates on the payment of an annual tax, which this year is $19. Payment of this fee is optional, but is expected of every undergraduate who is financially able. In return for it, undergraduates are admitted free to all games and entertainments given on College Hill under the auspices of the General Association.

Departmental Associations. Several study clubs help to bring the members of the college community into closer personal relations. These, the German Club, the French Club, the History Club, the Biology Club, the Political Science Club,

and the Geology Club, are directed by the members of the departments concerned.

PUBLICATIONS. The undergraduate publications are the *Hamilton Continental*; *Hamilton Life*, a weekly; and the *Hamiltonian*, an annual. The *Blue Book*, a handbook of general college information, is prepared and distributed each autumn by a committee of undergraduates.

Expenses

Annual college charges include the following:

FOR ALL UNDERGRADUATES

Tuition	$250
Undergraduate Activities	19
Infirmary	10

A charge of $5 is regularly made for every semester hour taken in excess of the normal number.

FOR RESIDENTS OF THE DORMITORIES

Room rent in	
Carnegie Hall	$125 to $160
South College	125 to 165
North College	85 to 125
Electric light, by meter, about	10

The Soper Commons offers board by the week and by the meal under the direction of a manager appointed for the purpose. The price of board by the week is $7.00. *A la carte* service is also maintained.

Living expenses for undergraduates who room and board in fraternity houses or elsewhere may vary somewhat from the figures given above. The College provides the necessary furniture for the rooms in the dormitories. Laboratory fees are charged in certain science courses, ranging from $10 to $25 for the year. The graduation fee is $10. An undergraduate's ad-

ditional expenses will necessarily be governed by his tastes, resources, and appreciation of the value of money.

College bills are payable semi-annually in advance. The Trustees instruct the Bursar to report the names of all undergraduates who are delinquent in the payment of their college charges, and the President is instructed to exclude such men from classes until payment is made. Absences thus incurred are not excused. Damage to college property is charged to the individuals or classes responsible. If these are not known, the charge is assessed upon the whole undergraduate body, *pro rata*. No reduction in tuition fee is made for absence in case an undergraduate withdraws, returns to a class which he has left, enters late, is absent under discipline, or is dropped. No undergraduate may receive a degree or honorable dismissal whose college bills are unpaid.

Postal and Railway Service

The postoffice address of the College is Clinton, N. Y.

The railroads are: the New York, Ontario & Western, Utica Division (without passenger service), and the New York State Railways (electric), Clinton line. Electric cars leave Utica at a quarter before and a quarter past the hour; they leave Clinton on the hour and half-hour.

The usual express accommodations are provided by the American Railway Express Co., via the N. Y., O. & W. R. R.

DEGREES, HONORS, AND PRIZES
1932-1933

Degrees in Course

Bachelor of Arts

Samuel Ayers
Francis Daniel Bellatty
John Durfee Braymer
Kenneth Morton Bremer
Robert Emery Brownlee
Arthur Edwin Chambers, ΦBK
Anthony Cosentino
Chauncey Deming Cowles
Leroy John Crane
Henry Herbert Crumb, Jr.
Robert Maclary Diggs, ΦBK
Herbert Drinkwater, Jr.
Robert Leo Fay
Douglas Winston Fletcher
Richard Harter Fogle
Clarence Bertram Frank
Fred Grant Gardner, Jr.
James Taylor Heyl, ΦBK
Robert James Hicks, ΦBK
Theron Timothy Holden
James Lewis Howlett
Fred Jensen
Frederick Tuthill Keeler
George Crossett Kingsley
Arthur Vincent Kohler
Robert Lamont
Marshall Leonard Marquardt
John Mead
Frederick Jessup Moore
Richard Thomas Murphy
Ira LaVerne Nichols
Edwin Francis Olszewski
Charles Joseph Paumier
Frank Benjamin Phillips
John Karl Poppe
Ellsworth Frederick Qualey
Thomas Grant Robertson
Percy Blake Saunders
Michael Scarpitto
Herman Frederick Schilz
Addison Judson Smith
Wilbur B. Sprague, Jr.
Harold Wilson Symonds, Jr.
Michael John Timko
Robert Dunlop Toaz
William Frederick Tracy
Gordon Vogt Vickery
John Joseph Walsh
Wheaton Phillips Webb
William Pierrepont White, Jr.
R. Kerford Wilson
Henry Harcus Work, Jr., ΦBK
William Henry Young, Jr.

Bachelor of Science

Raymond Raphael Alberico
Robert Nelson Ashmead
Kenneth Slater Carberry
Pasquale Ciaglia
Philip Clegg
Arthur Salvatore Coriale

Louis Eugene DeLaFleur
Crawford Shelley Douglass
Irving Gellman
Robert Arnold Haak
William Alfred Hands
Joseph Cornelius Hartman
Roger Allen Harvey
Alfred Minor Hawley
Joseph Bentley Hollinshead
Howard Coates Hosmer
Charles Russell Hyde, ΦBK
Harry Gordon Krueger
Donald Law Martin
Theodore Carlton Massoth
James Percival Morrill, Jr.
Willard Hall Parsons, ΦBK
Richard Joseph Redmond
Richard Rowe Reed
William Reinig
George Nixon Ruland
Philip Willis Schleit
Arthur Irving Scott
*Paulding Foote Sellers, Jr.
Albert Benjamin Smith
Charles Lafayette Todd
Clarence Ray Vosburgh
John Southard Young
Howard Alfred Zeller

Honorary Degrees

DOCTOR OF DIVINITY

Amos Niven Wilder

DOCTOR OF MORE HUMANE LETTERS

Lloyd Paul Stryker

DOCTOR OF SCIENCE

David Hale Newland

DOCTOR OF LAWS

Arthur Atwood Ballantine
Frederick Morgan Davenport

Honors

SCHOLARSHIP HONORS FOR THE COURSE

Class of 1933

HONOR

Arthur Edwin Chambers
Robert Maclary Diggs, *Valedictorian*
James Taylor Heyl
Robert James Hicks, *Salutatorian*
Charles Russell Hyde
Willard Hall Parsons
Henry Harcus Work, Jr.

CREDIT

Samuel Ayers
John Durfee Braymer
Robert Emery Brownlee
Arthur Salvatore Coriale

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*Died July 9, 1933.

Herbert Drinkwater, Jr.
Irving Gellman
Robert Arnold Haak
Marshall Leonard Marquardt
Donald Law Martin
Ira LaVerne Nichols
Charles Joseph Paumier
Ellsworth Frederick Qualey
Richard Joseph Redmond
Richard Rowe Reed
Thomas Grant Robertson
Michael Scarpitto
Herman Frederick Schilz
Albert Benjamin Smith
Harold Wilson Symonds, Jr.
William Frederick Tracy
Gordon Vogt Vickery
Wheaton Phillips Webb
R. Kerford Wilson

Elections to Phi Beta Kappa

Class of 1933

Arthur Edwin Chambers
Robert Maclary Diggs
James Taylor Heyl
Robert James Hicks
Charles Russell Hyde
Willard Hall Parsons
Henry Harcus Work, Jr.

Class of 1934

Harold Bengloff
Coleman Burke
Harold Fehrer
John Gabriel Moses

Department Honors, Class of 1933

Public Speaking: Mr. Walsh.
English Literature: Mr. Fogle.
Philosophy: Messrs. Douglass, Sprague.
Ethics: Mr. Webb.
History: Messrs. Hicks, Qualey.
Political Science: Messrs. Braymer, Zeller.
Economics: Messrs. Chambers, Wilson.
Music: Mr. Hicks.
Mathematics: Messrs. Diggs, Martin, Reed.
Biology: Messrs. Heyl, Parsons, Work.
Chemistry: Mr. Hyde.
Physics: Mr. Martin.
Geology: Mr. Parsons.

Scholarship Honors for the Year 1932-33

Class of 1933

High Honor: Messrs. Diggs, Hicks, Parsons, Schilz.

Honor: Messrs. Ayers, Braymer, Chambers, Coriale, Cosentino, Heyl, Hosmer, Hyde, Martin, Nichols, Reed, Scarpitto, Sellers, Wilson, Work, Zeller.

CREDIT: Messrs. Brownlee, Clegg, Drinkwater, Fogle, Gardner, Gellman, Haak, Hands, Holden, Keeler, Kohler, Lamont, Marquardt, Massoth, Paumier, Poppe, Qualey, Redmond, Reinig, Robertson, Ruland, A. B. Smith, Sprague, Symonds, Todd, Tracy, Vickery, Walsh, Webb.

Class of 1934

HIGH HONOR: Messrs. Bengloff, Burke, Jones, Moses, Yelton.

HONOR: Messrs. Donley, Fehrer, Kittell, Klimek, Love, Mathias, Neff, Waddell.

CREDIT: Messrs. Barden, Barry, Buck, Ciccarelli, Clay, Collins, Earl, Embler, Fitter, Folley, Fraser, Hemstreet, Homans, Kennedy, Lambrecht, Marketos, Martin, Messinger, C. S. Miller, T. R. Miller, Miner, Murphy, Nichols, Noon, Roehrick, Taylor, H. B. White, Wilson.

Class of 1935

HIGH HONOR: Messrs. J. L. Brown, Waters.

HONOR: Messrs. Ahearn, Clough, Dengler, Linowitz, T. W. Smith, Stackel, Van Allen, Yelton.

CREDIT: Messrs. R. T. Babcock, Bicknell, Bremer, Cairns, Chambliss, Clare, Dale, Ferry, Holstein, A. G. Jones, H. R. Jones, Mahady, Ostrander, Read, Weld, White.

Class of 1936

HIGH HONOR: Messrs. Burgess, Eldridge, Rearick, Vandermeulen.

HONOR: Messrs. Cunningham, Gatland, Thomas, VanAlstine, Vanderwaart.

CREDIT: Messrs. Angelico, Beakes, Carruth, Conley, Connor, Coon, DeGraff, Durkee, F. B. Govern, R. J. Govern, Halsted, House, Jameson, Keane, LaGrange, Livadas, McKee, Millham, Minor, Montgomery, Norris, Rowles.

Prizes

ROOT FELLOWSHIP: Willard Hall Parsons.

CHAUNCEY S. TRUAX GREEK SCHOLARSHIP: No award.

EDWARD HUNTINGTON MATHEMATICAL SCHOLARSHIP: Harold Fehrer.

ARTHUR W. SOPER LATIN SCHOLARSHIP: John Gabriel Moses.

CHARLES HOLLAND DUELL GERMAN SCHOLARSHIP: Harold Bengloff.

OREN ROOT MATHEMATICAL SCHOLARSHIPS: William Kent VanAllen; George William Waters.

RENWICK SCHOLARSHIP IN BIOLOGY: Thomas Rockwell Miller.

FAYERWEATHER PRIZE SCHOLARSHIP: Clement Russell Phelps.

CURRAN PRIZE IN GREEK AND LATIN: No competition.

HAWLEY PRIZE IN GREEK: Donald Charles Yelton.

HAWLEY PRIZE IN LATIN: John Lackey Brown.

WINCHELL PRIZE IN GREEK: Elmer Emerson Yelton, Jr.

BRANDT PRIZE IN GERMAN: Robert Arnold Haak, and Robert James Hicks.

CLARK PRIZE ORATION: Wilbur B. Sprague, Jr. *The other appointees to the contest:* Messrs. Diggs, Fay, Heyl, Robertson, Walsh.

PRUYN MEDAL ORATION: No competition.

HEAD PRIZE ORATION: No award.

KIRKLAND PRIZE ORATION: No award.

KELLOGG ESSAY PRIZES: Juniors, Richard Hays Martin; Sophomores, No award; Freshmen, David Rea Cochran, Frank Norman McInerney.

COBB ESSAY PRIZE: Frank Norman McInerney.

HUTTON ESSAY PRIZE: Lewis Paul Bremer, Jr.

WILLIAM DUNCAN SAUNDERS PRIZE IN ENGLISH WRITING: Richard Hays Martin.

MCKINNEY PRIZE DEBATE: *First,* John Joseph Walsh; *Second,* Ellsworth Frederick Qualey. *The other appointees to the contest:* Messrs. Diggs, Haak, Hyde, Wilson.

MCKINNEY DECLAMATION PRIZES: Juniors: *First,* Henry Wilford Harding, and Robert Graham Miner; Sophomores: *First,* Judson Best Hall; *Second,* Robert William Stackel; Freshmen: *First,* Frederick John Meagher; *Second,* Norman Webb Howard.

SQUIRES PRIZE IN PHILOSOPHY: Wilbur B. Sprague, Jr.

DARLING PRIZE IN AMERICAN HISTORY: No award.

PUTNAM PRIZE IN AMERICAN HISTORY: No award.

SOPER PRIZE THESIS: No award.

TOMPKINS PRIZES IN MATHEMATICS: *First,* Harold Fehrer; *Second,* Coleman Burke.

HOLBROOK PRIZE IN BIOLOGY: James Taylor Heyl.

UNDERWOOD PRIZE IN CHEMISTRY: No award.

SOUTHWORTH PRIZE IN PHYSICS: No award.

MAYNARD ENTRANCE PRIZE: *Class of 1936,* No candidate; *Class of 1937,* Candidate, Clement Russell Phelps.

BROCKWAY ENTRANCE PRIZE: *Class of 1936,* No candidate; *Class of 1937,* No candidate.

HAMILTON COLLEGE SINGING TROPHY: Awarded to the Class of 1933.

*College Scholarships

First Semester, 1933-34

First Group

With a Grade of 90-100 for the Year 1932-33

Class of 1934: Messrs. Jones, Yelton.
Class of 1936: Messrs. Burgess, Eldridge.

Second Group

With a Grade of 85-89 for the Year 1932-33

Class of 1934: Messrs. Donley, Klimek, Love.
Class of 1935: Mr. Yelton.
Class of 1936: Messrs. Gatland, Thomas, VanAlstine.

Third Group

With a Grade below 85 for the Year 1932-33

Class of 1934: Messrs. Barden, Barnes, Barry, Colocotronis, Daressa, Dubé, Grillo, Lewis, Marketos, Martin, Martoccio, McGee, T. R. Miller, Miner, Nichols, Noon, Shaver, VanSantvoord, H. B. White.

Class of 1935: Messrs. A. G. Jones, Massey, Rathbun.

Class of 1936: Messrs. Angelico, Beebe, Betts, Boone, Conley, Connor, Cooper, Day, Dickerman, Gosling, Goss, F. B. Govern, R. J. Govern, Halsted, Hand, Henricks, House, Keane, LaGrange, Lam, Livadas, McInerney, McKee, Millham, Monacelli, Nichols, Norris, C. H. Smith, Speh, Tuttle, R. L. Williams.

Freshman Group

Not Graded

Messrs. R. R. Barry, Beaven, Benedetto, Bowman, J. G. Clark, Danella, Darrigrand, Eisenhardt, Ellis, Evans, Folmsbee, Gillette, Gould, Hamrick, Hay, Hopkins, Jagger, E. H. Jones, J. F. Jones, W. G. Jones, Kaplan, Kelly, Kuck, McLaughlin, Meyl, Monnier, R. F. Montgomery, Moscrip, Nelson, Nicholas, Occhionero, Parry, Pugh, Rice, Singer, Slade, Sprague, Wager, Warner, Washburn, Wood, Zwahlen.

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*For Prize Scholarship awards, see previous pages.

REGISTRATION*

Fellow

Parsons, Willard Hall — *White Plains*
Root Fellow in Science. In residence at The Graduate College, Princeton University, Princeton, New Jersey.

Candidates for the Degree of Master of Arts

Hicks, Robert James *Music, German*	*Troy*	Edward Cackett's
Hosmer, Howard Coates *English Literature, English Philology*	*Auburn*	The Faculty Club
Jones, John Haydn *Political Science, History*	*Utica*	121 Boyce Ave., Utica
Rogers, Philip Virgilius *Biology, German*	*Clinton*	Bristol Road

Seniors, Class of 1934

Acocella, Nicholas John	*New Rochelle*	9 C
Barden, Llewellyn James	*Penn Yan*	XΨ Lodge
Barnes, Martin Stephens	*Ilion*	27 S
Barron, Murray Benson	*Oneida*	ΛXA House
Barry, Harold Alexander	*Oceanside*	BK House
Behr, John Henry, Jr.	*Brooklyn*	ΛXA House
Bengloff, Harold	*Utica*	4 S
Buck, Louis Henry Hermann	*Huntington Station*	TKE House
Burke, Coleman	*Summit, N. J.*	XΨ Lodge
Ciccarelli, Joseph William	*Kenmore*	Emerson Hall
Clay, Arthur Stevenson, Jr.	*Bloomsburg, Pa.*	ΣΦ Place
Collins, George Glover	*Pittsfield, Mass.*	ΨT House
Colocotronis, Constantine Louis	*Utica*	40 N
Constantinides, Charles Edwin	*Rutherford, N. J.*	ΘΔX House
Cooley, Roger Greenwood	*Buffalo*	ΣΦ Place
Daressa, Lawrence Louis	*Utica*	1403 Flagg Ave., Utica
Decker, George Emmett	*DeBruce*	Clinton

*C—Carnegie Hall. N—North College. S—South College.

Deelman, Jan Laurens	*Reading, Pa.*	16 S
Donley, Harry Boyle	*New Milford, Pa.*	Emerson Hall
Dubé, Richard Ernest	*Westwood, N. J.*	ΘΔX House
Earl, Samuel Douglas	*Herkimer*	ΣΦ Place
Edwards, Duncan	*Greenwich, Conn.*	ΑΔΦ House
Embler, John Newkirk	*Walden*	ΔKE House
Fehrer, Harold	*Utica*	4 S
Fitter, John Christopher	*Brooklyn*	ΛXA House
Folley, Jarrett Harter	*Syracuse*	ΘΔX House
Fraser, David Allen	*Syracuse*	XΨ Lodge
Glynn, Keith Frederick	*Craryville*	16 S
Grillo, William	*Utica*	4 N
Gummerson, Donald Hunter	*Auburn*	ΔKE House
Hand, Jack Jefferson	*New Milford, Pa.*	Emerson Hall
Harding, Henry Wilford	*New Rochelle*	XΨ Lodge
Hemstreet, Arthur Cuthbert	*Troy*	ΛXA House
Jones, Richard Lawrence	*Clinton*	Clinton
Katz, Louis Goodman	*New Rochelle*	8 S
Kennedy, Daniel Gerald	*Rochester*	ΘΔX House
Kittell, Harry Gardner, Jr.	*Troy*	ΛXA House
Klimek, John Joseph	*Clinton*	Clinton
LaGrange, William Leland	*Clinton*	BK House
Lambrecht, Howard John	*Oneonta*	ΘΔX House
Lewis, George Harlan	*Stamford*	ΛXA House
Love, Oscar Houghton, Jr.	*Little Falls*	Emerson Hall
Marketos, Leon Jerome	*Utica*	4 S
Martin, Richard Hays	*Johnstown*	TKE House
Martoccio, Victor Rocco	*Utica*	28 N
Mathias, James Francis, Jr.	*Plainfield, N. J.*	TKE House
McGee, William Stewart	*Warsaw*	Emerson Hall
Messinger, Monroe	*New Rochelle*	9 C
Miller, Clarence Sherwood	*Kenmore*	Emerson Hall
Miller, Thomas Rockwell	*Rome*	26 N
Miner, Robert Graham	*Binghamton*	ΔKE House
Montesano, Pasquale	*Utica*	29 N
Morrow, Jason Saxe	*Albany*	9 S
Moses, John Gabriel	*Utica*	15 N
Murphy, John Edward	*Hudson*	ΔT House
Neff, Henry Philip	*Niagara Falls*	ΔKE House
Nichols, George Edward	*Utica*	TKE House
Noon, William Thomas	*Utica*	TKE House

Orcutt, Daniel James	*Oneonta*	BK House
Peck, Robert Francis	*Southampton*	ΔΥ House
Price, William Edgar	*Glens Falls*	ΑΔΦ House
Roehrick, William George, Jr.	*New York*	Emerson Hall
Romig, Hobert Baldwin, Jr.	*Auburn*	ΔΚΕ House
Scanlan, William Dennis, Jr.	*Brooklyn*	ΔΥ House
Schwarz, Robert George	*Brooklyn*	12 C
Scott, Philip Beeton	*North Tarrytown*	ΑΔΦ House
Shaver, Jerome Churchill	*Binghamton*	Emerson Hall
Smith, Gardner	*Cazenovia*	14 C
Strully, Leonard Vincent	*Brooklyn*	8 S
Taylor, James Frederic	*Niagara Falls*	ΔΚΕ House
Thorp, James Henry	*Flushing*	ΨΥ House
VanSantvoord, Edgar	*Waterford*	ΨΥ House
Waddell, Robert Cary	*St. Paul, Minn.*	ΑΔΦ House
Waters, Robert Spaulding	*Palmyra*	7 N
White, Harris Lee	*Oswego*	ΘΔΧ House
White, Howard Burton	*Montclair, N. J.*	19 N
Wilson, Allan Robert	*Toledo, O.*	ΔΥ House
Yelton, Elmer Emerson, Jr.	*Elsmere*	ΨΥ House
Young, John Tompkins	*Hastings-on-Hudson*	ΔΥ House
Zabriskie, Elmer Thomas, Jr.	*Sayville*	Prof. Dale's

Juniors, Class of 1935

Ahearn, Joseph Donald	*Binghamton*	Emerson Hall
Babcock, Richard Tiffany	*East Schodack*	Emerson Hall
Bailey, Harry Kiessling	*Rutherford, N. J.*	23 C
Ballard, Lockett Ford	*Whitesboro*	ΔΥ House
Barrett, Halsey Vail	*Huntington*	ΤΚΕ House
Bates, John Hall	*Mount Vernon*	ΑΔΦ House
Belardi, Samuel Paul	*Amsterdam*	10 N
Bicknell, John Walter	*Boston, Mass.*	ΑΔΦ House
Brandt, Richard Jones	*Seneca Falls*	ΨΥ House
Bremer, Lewis Paul, Jr.	*Maplewood, N. J.*	ΔΚΕ House
Brewster, Ellis Bowditch	*Bay Shore*	6 S
Brown, John Lackey	*Ilion*	9 N
Burrows, John Augustus	*New York*	ΔΚΕ House
Byrnes, John Francis	*Utica*	ΨΥ House
Cairns, John MacKay, Jr.	*Scranton, Pa.*	N
Carson, Robert Rose	*Geneva*	ΣΦ Place

Clough, Edwin Melvin	*Philmont*	Silliman Hall
Corwin, Thomas Patrick	*Boonville*	8 N
Coughlin, David Watt	*Merion Station, Pa.*	ΑΔΦ House
Covell, Cranston Edwards	*Kenmore*	25 N
Craig, Seth Clayton, Jr.	*Newburgh*	BK House
Crego, Robert Frederick	*Baldwinsville*	ΔΚΕ House
Dale, John Henry, Jr.	*Englewood, N. J.*	12 C
Dennison, Alfred Dudley, Jr.	*Johnstown*	24 C
D'Orazio, Anthony Joseph	*Albion*	35 N
Dreher, Ernest Alvin, 3d	*Maplewood, N. J.*	9 S
Ely, Franklin Jonathan	*Utica*	ΣΦ Place
Evans, Edward George	*Utica*	ΔΥ House
Fear, Douglass Durston	*Morris Plains, N. J.*	ΔΥ House
Ferry, Frederick Carlos, Jr.	*Clinton*	ΘΔΧ House
Glendening, Robert Schumann	*Andes*	ΛΧΑ House
Green, Henry Edwin	*New Rochelle*	6 N
Haas, Ralph Theodore	*Scranton, Pa.*	31 N
Hall, Judson Best	*Grantwood, N. J.*	ΔΚΕ House
Halsey, Theodore Frazer	*Genesee*	ΨΥ House
Handy, John Abner, Jr.	*Buffalo*	6 S
Harris, Maurice Franklin	*Watertown*	ΤΚΕ House
Hengerer, Arthur Digby	*Buffalo*	ΔΚΕ House
Holstein, Charles Leo	*Utica*	937 Blandina St., Utica
Hubbell, Marvin Elliot	*New Rochelle*	ΑΔΦ House
Ihlder, Richard	*Cambridge, Mass.*	ΣΦ Place
Jones, Arthur Griffith	*Utica*	ΑΔΦ House
Jones, Hugh Richard	*New Hartford*	ΔΚΕ House
Jones, Roy Earl, Jr.	*Seneca Falls*	ΛΧΑ House
Jones, William Robert	*Carthage*	ΔΥ House
Kendall, Edward Clement	*Morristown, N. J.*	16 S
Krueger, Deane William	*Brooklyn*	BK House
Lindley, Bryant Phelps	*Upper Montclair, N. J.*	ΑΔΦ House
Linowitz, Sol Myron	*Trenton, N. J.*	22 N
Mahady, Stephen Charles	*Deansboro*	Deansboro
Malloy, James Patrick	*Clinton*	Clinton
Massey, Harold	*Rome*	14 N
Matteson, Robert Paul	*Buffalo*	ΔΥ House
McKenzie, Alexander Roberts, 3d	*Albany*	9 S
Miller, Bradford Fowler	*Seneca Falls*	23 C
Montrose, Henry Alverson	*Des Moines, Ia.*	ΧΨ Lodge
Moore, James Edwin	*Ogdensburg*	13 N

Morrill, Howard Edwin	*Niagara Falls*	ΔKE House
Nesbitt, Clarence Munson	*Oneonta*	ΘΔX House
Ostrander, Chester Brooks	*Glens Falls*	39 N
Palen, Gilbert Matthewson	*Woodbury, N. J.*	ΑΔΦ House
Palmer, William Edmund	*Syracuse*	21 C
Rathbun, Lewis Standish	*Phelps*	ΘΔX House
Read, Clinton Irving	*Utica*	1 N
Reed, Robert Earle	*Dunkirk*	ΑΔΦ House
Riddle, David	*Winnetka, Ill.*	Emerson Hall
Risley, Edward Plunkett	*New York*	ΨΥ House
Robinson, Walter Gillette	*Syracuse*	ΨΥ House
Rockwell, James Arthur	*Syracuse*	ΛΧΑ House
Russell, Warren Archibald	*Kingston*	13 C
Rutherford, George Little, Jr.	*Frankfort*	ΨΥ House
Sanford, Arthur Brewer	*Mamaroneck*	Emerson Hall
Schoemer, John Raymond, Jr.	*St. Albans*	Emerson Hall
Scobie, Andrew John	*Berlin, Wis.*	ΣΦ Place
Sliter, John Edwin	*Delhi*	ΛΧΑ House
Smith, John Lord Gorham	*Poughkeepsie*	ΧΨ Lodge
Smith, Thomas Williams	*Springfield Center*	ΧΨ Lodge
Snyder, Gerald Wellington	*Fort Edward*	TKE House
Spalding, Lyman Austin	*Lockport*	ΨΥ House
Stackel, Robert William	*Rochester*	ΑΔΦ House
Strully, Kenneth Jerome	*Brooklyn*	8 S
VanAllen, William Kent	*Rochester*	ΧΨ Lodge
Waters, George William	*Palmyra*	1 N
Weld, William Ernest, Jr.	*Rochester*	ΔKE House
White, Robert Morris	*Oswego*	ΘΔX House
Williams, Wynant James, Jr.	*Albany*	Emerson Hall
Wilson, James Earl	*Watertown*	6 S
Worden, Frederic Earl, Jr.	*Auburn*	ΔΥ House
Yelton, Donald Charles	*Elsmere*	18 N

Sophomores, Class of 1936

Alden, Carlos Coolidge, Jr.	*Buffalo*	Tower, S
Angelico, Alfred Joseph	*Utica*	205 Kossuth Ave., Utica
Armitage, William Henry	*Larchmont*	23 C
Avery, James, Jr.	*Aurora*	ΨΥ House
Baker, Francis Folsom	*Buffalo*	14 C
Basten, David Ellis	*West Hartford, Conn.*	ΧΨ Lodge

Bates, George Page	*Mount Vernon*	ΑΔΦ House
Beakes, Charles Henry Curtis, 3d	*Hackensack, N. J.*	ΧΨ Lodge
Beakes, Ordine Cleveland	*Hackensack, N. J.*	ΧΨ Lodge
Becker, John Charles	*Waterloo*	ΨΥ House
Beebe, Leonard Lutton	*Troy*	ΨΥ House
Beiter, Charles William	*North Plainfield, N. J.*	ΘΔΧ House
Bell, William Dennistoun	*Amagansett*	BK House
Betts, John Berkeley	*Ridgewood, N. J.*	TKE House
Boone, John William	*Clinton*	Clinton
Brauns, Wilhelm Henning	*Buffalo*	ΔKE House
Brown, Selden Stanley, 2d	*Scottsville*	ΑΔΦ House
Burgess, David Seely	*Pawling*	36 N
Burr, Walter Frederick	*Norwich*	ΛΧΑ House
Carmer, John Chester	*Lyons*	ΨΥ House
Carruth, Philip Wilkinson	*Shaker Heights, O.*	ΔKE House
Case, Charles Lyman	*Summit, N. J.*	15 S
Chapman, William Herrick	*Big Flats*	Emerson Hall
Chase, William James	*Tully*	2 N
Clare, John Stewart, Jr.	*Utica*	23 N
Clark, Herbert Carlton	*Utica*	Emerson Hall
Cochran, David Rea	*Buffalo*	ΔKE House
Congdon, Richard Bell	*Salamanca*	6 N
Conley, Meredith Sikes	*Cranford, N. J.*	Chapel
Connor, John Henry	*Batavia*	25 S
Coon, Robert Eugene	*Little Falls*	Chapel
Cooper, James Simcoe Denness	*Geneseo*	ΨΥ House
Courtenay, Adrian Henry, Jr.	*Hempstead*	ΨΥ House
Coutant, John	*Flushing*	BK House
Cronin, Timothy Joseph	*Flushing*	Chapel
Cunningham, John Richard	*New York*	ΘΔΧ House
Dale, John Denny	*Cold Spring*	ΨΥ House
Davies, Harold Vincent	*Mamaroneck*	ΘΔΧ House
Day, Harold Milton	*Old Forge*	20 S
deAzevedo, Sydney	*Rutherford, N. J.*	ΘΔΧ House
DeGraff, Henry Wilmot	*Leonia, N. J.*	BK House
Dickerman, Allen Briggs	*Auburn*	ΔΥ House
Dillon, Harvey Morton	*Bala-Cynwyd, Pa.*	BK House
Doig, William Spencer	*Brooklyn*	20 C
Dotzauer, George Rankin	*Brooklyn*	20 C
Dunn, James Taylor	*St. Paul, Minn.*	Emerson Hall
Dunning, Loyd Bartlett	*Auburn*	ΔKE House

Durkee, Robert Jay	*Jackson Heights*	XΨ Lodge
Eldridge, Rudyard Eugene	*Sea Cliff*	ΛXA House
Elliott, John Adams	*Clinton*	Clinton
Eraclito, Frank Basil, Jr.	*Mt. Kisco*	22 C
Fenner, Daniel Walrad	*Utica*	ΨΥ House
Fenninger, Carl Wiker, Jr.	*Philadelphia, Pa.*	ΨΥ House
Foreman, Harrison William, Jr.	*Erie, Pa.*	ΔKE House
Frasure, Dudley Hart	*Sherburne*	31 N
Freeman, Frank Thurlow	*Albany*	ΨΥ House
Gatland, Richard Henry	*Buffalo*	12 N
Gibbons, Allan Vernon	*Buffalo*	TKE House
Gosling, John William	*Utica*	60 College St., Clinton
Goss, Harry Edward	*Kenmore*	Emerson Hall
Gould, Seabury Smith	*Seneca Falls*	ΣΦ Place
Govern, Frederick Bernard	*Clinton*	Clinton
Govern, Richard Joseph	*Clinton*	Clinton
Halsted, Samuel Arthur	*Ridgewood, N. J.*	36 N
Hand, Joseph Grier	*Endicott*	37 N
Hatfield, John Bennett	*Utica*	XΨ Lodge
Hauser, Robert Griebel	*Utica*	20 C
Henderson, John Cole	*Rome*	33 N
Henricks, Walter Abraham, Jr.	*Penn Yan*	26 N
Hickok, Benjamin Blakely	*Oneonta*	ΛXA House
Hill, Charles Freeman	*Westfield, N. J.*	ΔΥ House
House, Earl Lawrence	*Reading, Pa.*	17 S
Howard, Norman Webb	*Binghamton*	Emerson Hall
Hurd, Robert Wicks	*Utica*	ΑΔΦ House
Jameson, Richard Trask	*Rochester*	ΨΥ House
Jenks, Henry Pease	*White Plains*	ΑΔΦ House
Jenks, Jeremy Clayton	*Worcester, Mass.*	Emerson Hall
Jenks, Theodore	*Woodside*	Emerson Hall
Jensen, Carl Neergaard	*Greenwich, Conn.*	ΔΥ House
Johnson, Byron Arthur, Jr.	*Rochester*	26 S
Keane, John Michael	*Binghamton*	ΛXA House
Kellogg, Edward Ludlow, Jr.	*Menands*	5 C
Kingsbury, John Edward	*Fayetteville*	ΑΔΦ House
LaGrange, Gerald Nellis	*Clinton*	Clinton
Lam, Alfred Paul	*Oriskany*	TKE House
Latham, Alfred Wells	*Mineola*	Emerson Hall
Laux, Hugo Leonard, Jr.	*Jamaica*	ΔKE House
LeFevre, Ira Deyo, Jr.	*Schenectady*	ΑΔΦ House

Livadas, Dennis James	*Utica*	21 N
Lortz, Robert Bradley	*Utica*	1514 Dudley Ave., Utica
Lyons, Roger Alfred	*New York*	18 N
MacLaren, Robert James	*Towanda, Pa.*	24 S
McInerney, Frank Norman	*Kew Gardens*	25 S
McKee, Frank Wray	*Cortland*	ΛΧΑ House
Meagher, Frederick John	*Binghamton*	ΔΚΕ House
Millham, Richmond Barbour	*Rochester*	ΔΚΕ House
Minor, George Henry, Jr.	*Shaker Heights, O.*	ΔΚΕ House
Monacelli, Aloysius Louis	*Albion*	34 N
Montgomery, Warren Ray, Jr.	*Buffalo*	ΑΔΦ House
Moore, Walter James	*Utica*	118 Gold St., Utica
Newman, William Edward	*Douglaston*	9 C
Nichols, Edward Albert	*Dongan Hills*	Emerson Hall
Norris, Charles Hamilton	*Kenmore*	22 C
O'Donoghue, William Crosby	*Brooklyn*	ΔΥ House
Osterhout, Karl Sutherland	*Williamstown, Mass.*	ΧΨ Lodge
Pierce, William Reynolds	*East Rochester*	ΛΧΑ House
Powers, Robert William	*Utica*	1427 Oneida St., Utica
Preston, Thomas Barnes	*Solvay*	23 N
Rearick, Allan Chamberlain, Jr.	*Summit, N. J.*	5 C
Root, Elihu, 3d	*New York*	ΣΦ Place
Rowles, William Sidney	*Hudson*	20 S
Saponaro, Joseph Vincent	*Utica*	2625 Edgewood Rd., Utica
Scagel, Bruce Hugh	*Clinton*	Clinton
Scanlan, John Tanner	*Brooklyn*	ΔΥ House
Severson, Charles Henry	*Buffalo*	5 C
Smith, Charles Heebner	*Ardmore, Pa.*	ΤΚΕ House
Smith, Lawrence Curtiss	*Pittsfield, Mass.*	ΑΔΦ House
Smith, Raymond Lawrence	*Douglaston*	ΘΔΧ House
Soper, Willard Butler	*Pelham Manor*	ΣΦ Place
Speh, Herman Anthony, Jr.	*Binghamton*	ΑΔΦ House
Stockton, Robert Sayre	*Buffalo*	Tower, S
Swartout, Norman Lee	*Summit, N. J.*	15 S
Thomas, Edwin Hinman	*Syracuse*	ΤΚΕ House
Thompson, Charles Wynn	*Buffalo*	ΘΔΧ House
Throckmorton, Theodore Hartshorne	*Freehold, N. J.*	ΣΦ Place
Tuttle, George Taylor	*Elmira*	ΛΧΑ House
VanAlstine, Ralph Erskine	*Hawthorne, N. J.*	32 N
Vandermeulen, Daniel Carlson	*Buffalo*	ΘΔΧ House
Vanderwaart, Cornelius Marsden	*Palmerton, Pa.*	ΘΔΧ House

VanDuzer, Frank Hicks	*Albany*	XΨ Lodge
Vick, William Lyon	*Pittsford*	AΔΦ House
White, David Aloysius, Jr.	*Medina*	ΨΥ House
Wilkinson, David Nelson Warren	*Kenmore*	TKE House
Williams, Griff	*New York Mills*	New York Mills
Williams, Roswell Gridley	*Clinton*	Clinton
Williams, Royce Lewis	*Prattsburg*	17 S
Williamson, Van Wyck	*Newark, N. J.*	12 N
Wilson, George Jason	*Johnstown*	TKE House
Woodin, William Jackson	*Flushing*	ΨΥ House
Woolheater, Earle Muir	*Andes*	ΛXA House

Freshmen, Class of 1937

Adamson, John Evans, Jr.	*Kenmore*	6 C
Adler, John Gray	*Rochester*	3 C
Allen, Robert Joseph	*Port Huron, Mich.*	4 C
Amsden, John Tracy	*New Berlin*	ΛXA House
Anderson, George Bradley	*Canandaigua*	Tower, S
Arthur, Charles Warner	*Utica*	32 Grant St., Utica
Bachner, Joseph	*Gloversville*	10 C
Baird, Everett Stoller	*Johnstown*	ΛXA House
Baldwin, John Cook, Jr.	*Baltimore, Md.*.	Tower, S
Barry, Robert Campbell	*Rochester*	11 N
Barry, Robert Raymond	*Evanston, Ill.*	5 S
Baxter, Eugene Heerdt	*Tonawanda*	11 C
Beatty, William Simpson	*Ben Avon, Pa.*	3 S
Beaven, Winton Henry	*Vienna*	24 N
Beilby, George Everett, Jr.	*Albany*	11 S
Bender, Daniel David, Jr.	*Utica*	1427 Conkling Ave., Utica
Benedetto, Rocco Robert	*Utica*	38 N
Bostwick, Lewis Robert	*Chardon, O.*	3 S
Bowe, William John	*Fonda*	3 C
Bowman, Clifford Willard	*Kenmore*	Risley House
Bradford, Frank Kent	*Skaneateles*	ΨΥ House
Branch, Robert Dow	*Manchester, N. H.*	15 C
Briggs, Edward Robert	*Utica*	14 French Rd., Utica
Bristol, Frederick Egner	*Westfield, N. J.*	ΣΦ Place
Britten, Arthur Perin	*Maplewood, N. J.*	36 N
Brown, Francis Andrew	*Lewiston*	12 S
Brown, Kent Henry	*Leonardsville*	7 C

Byrne, John McCauley	*Utica*	11 N
Chellas, Richard Russell	*Buffalo*	6 C
Christie, Raymond Edward, Jr.	*New Rochelle*	ΨΥ House
Clark, Frank Joseph, Jr.	*Utica,*	16 South St., Utica
Clark, John Gilman, Jr.	*Holyoke, Mass.*	19 C
Clark, William Bell, Jr.	*Evanston, Ill.*	5 S
Clark, William Philo	*Rockville Centre*	1 S
Clement, David Henry	*Rochester*	21 S
Cox, John Richard	*Port Chester*	30 S
Crooks, John Hazelet	*South Williamsport, Pa.,*	ΨΥ House
Crossman, Arlington Wheeler, Jr.	*Scranton, Pa.*	2 S
Dale, Thomas James	*Cold Spring*	ΨΥ House
Danella, Raymond James	*Utica*	Risley House
Darrigrand, Arthur Ansty	*Utica*	17 N
Davis, Jack McAdoo	*Cold Brook*	5 N
Dew, Fredric Holmes	*Canastota*	6 C
Dillenback, Francis Starr	*Rensselaer*	7 S
Dillon, Wayne Bishop	*Bala-Cynwyd, Pa.*	12 S
Doolittle, Robert John	*Sonyea*	ΨΥ House
Edwards, John Alexander	*Greenwich, Conn.*	30 S
Eisenhardt, Robert George	*Hornell*	17 S
Ellis, David Maldwyn	*Utica*	3 N
Engs, Samuel Franklin, 2d	*Noroton Heights, Conn.*	17 C
Estabrook, Henry Curry	*Fayetteville*	17 C
Esty, Harold Morton, Jr.	*Buffalo*	1 S
Evans, Hiram John	*Granville*	12 S
Fader, Samuel Wharton	*Sewickley, Pa.*	10 C
Fairlee, Marshall Weidman	*Buchanan*	19 C
Farquhar, John Taylor	*New Hartford*	New Hartford
Folmsbee, Grant Omar	*Chenango Bridge*	27 S
Foote, Norman Landon	*Saratoga Springs*	23 S
Frear, James Henry, 3d	*New Hartford*	16 C
Gillette, Edwin Foote	*Branford, Conn.*	Risley House
Goossen, Arthur Theodore	*Gloversville*	19 S
Gordon, John Harding	*Ovid*	13 C
Gould, Robert Kilbourne	*Geneva*	24 N
Gregg, William Joseph	*Port Jervis*	BK House
Griffin, Frederick Brewer	*Utica*	10 S
Grosso, Marius	*West Orange, N. J.*	18 C
Guy, Edward Gray	*Ossining*	11 C
Hall, Robert Theodore	*Lewiston*	22 S

Hallock, Richards	*Brooklyn*	Risley House
Hamrick, Leland Franklin	*Munnsville*	18 S
Hands, James Augustus	*Rutherford, N. J.*	24 C
Hay, Kendall Earl	*Oneonta*	28 S
Hegner, Richard Elliott	*Rochester*	24 S
Henninger, John Leonard	*Westfield*	16 C
Higinbotham, Robert Hamlin	*Palmyra*	Risley House
Holt, William Sylvester	*Palisades*	22 S
Hopkins, Joseph Thomas	*Utica*	14 Irving Pl., Utica
Hubbard, Robert Dexter	*Camden*	2 C
Jagger, Robert Louis	*Southampton*	27 N
James, Benjamin	*Scranton, Pa.*	8 C
Johnson, Bernhard Waldemar, Jr.	*Riverside, Conn.*	30 S
Jones, Edward Huss	*Greenville, Pa.*	Clinton
Jones, Edward P., Jr.	*Port Jervis*	26 S
Jones, Griffith	*Bronxville*	25 S
Jones, John Foulkes, Jr.	*Utica*	Risley House
Jones, William Gibson, Jr.	*Smithtown Branch*	27 N
Kaplan, Milton	*Cortland*	20 N
Kelly, Joseph Alleyne	*Emporia, Kan.*	13 C
Knapp, Elmer William	*Utica*	1 C
Kuck, John Howland	*Waterport*	Risley House
Lewis, Donald Frederic	*Brooklyn*	10 S
Lewis, Donald McNaughton, Jr.	*Rochester*	ΑΔΦ House
Locke, Louie Ward, Jr.	*Utica*	23 S
Ludlum, Seymour DeWitt, Jr.	*Philadelphia, Pa.*	7 S
Marston, Robert Carpenter	*Colorado Springs, Colo.*	19 S
Marvin, Matthew Weed	*Walton*	18 S
Massoth, Harry Peter, Jr.	*New Rochelle*	15 C
May, John Paul	*Rome*	Risley House
McLaughlin, Richard Allen	*Olean*	32 N
Meyers, Edwin Clarke	*Syracuse*	2 S
Meyl, George Nathaniel	*Scranton, Pa.*	7 C
Miller, John Harmon	*Claverack*	29 S
Monnier, Charles Martin	*Oriskany*	Risley House
Montgomery, Robert Francis	*Pelham Manor*	8 C
Montgomery, Thomas Sinclair	*Brooklyn*	28 S
Moore, Frank, Jr.	*Whitestone*	24 C
Morrison, Albert Hall	*West Point*	18 C
Moscrip, Andrew Stewart	*Towanda, Pa.*	2 C
Mulford, Frederick Skutt	*Yonkers*	18 C

Nelson, Emerson Stanley, Jr.	*Utica*	17 N
Nicholas, Daniel Joseph	*Utica*	Risley House
Occhionero, Emanuel Vincent	*Rome*	30 N
Parry, Hugh Vaughan	*Granville*	Risley House
Payne, Julian Frederick	*Sherburne*	2 N
Pelott, Hubert Lester	*Wilmette, Ill.*	22 S
Phelps, Clement Russell	*Rochester*	18 S
Pierson, Adrian Abraham, Jr.	*Cooperstown*	16 N
Polley, John William	*Andes*	1 C
Pritchard, John Edgar	*Sauquoit*	27 S
Pugh, Thomas	*Endicott*	37 N
Renwick, Edward Kimball	*Winnetka, Ill.*	Tower, S
Rice, John William	*Skaneateles*	19 C
Rinas, Karl Frederick	*Roslyn*	8 C
Ruhle, Norman Ferens	*Englewood, N. J.*	12 C
Sabine, John Charles	*Southampton*	ΨΥ House
Sautter, George Ross	*Utica*	1421 Oneida St., Utica
Schrade, Gilbert Louis	*Walden*	1 C
Sharpless, Isaac	*Rosemont, Pa.*	Risley House
Shaw, Joseph Bernhard, Jr.	*Utica*	24 S
Sherry, Gerald Gilbert	*Taunton, Mass.*	Clinton
Shinn, Robert Lincoln	*Point Pleasant, N. J.*	12 N
Singer, John Harold	*Samsonville*	BK House
Sittig, Harold Arthur	*Philadelphia, Pa.*	5 S
Slade, Herbert Thomas	*Utica*	17 N
Smith, Carlos Duncan	*Cleveland Heights, O.*	3 S
Sprague, Gilbert Glenn	*Rome*	32 N
Stilwell, Mahlon Franklin	*Hartwick*	28 S
Streitz, Paul Philip	*Mohawk*	22 C
Sweetgall, Moses	*Hudson*	29 S
Taylor, William Joseph	*Utica*	16 C
Thompson, Paul Barrett	*Amenia*	21 S
Tufts, John Marshall	*Verona, N. J.*	2 C
Urmson, John Kinsman	*Hartford, Conn.*	ΨΥ House
VanLoan, Wesley	*Albany*	11 S
Wager, Charles Sheridan	*Lewiston*	Risley House
Walker, Donald Francis	*Hackensack, N. J.*	4 C
Warner, Edwin Griswold, Jr.	*Whitesboro*	Whitesboro
Washburn, Douglas Holt	*Hudson*	29 S
Weibel, Frederick Alfred, Jr.	*Allentown, Pa.*	BK House
Wesenberg, John Arthur	*Brooklyn*	21 C

Westcott, William Benedict, Jr.	*Utica*	ΣΦ Place
White, John McCahan, Jr.	*Chatham*	5 N
Wieners, August Irving	*West Englewood, N. J.*	3 C
Wilcox, Roy Duane	*Old Forge*	20 S
Wilkes, John Birks	*Buffalo*	15 C
Wood, John Mervin, Jr.	*Smithtown Branch*	27 N
Woods, William Mannering	*Greenwich, Conn.*	21 S
Worden, Robert Post	*Auburn*	4 C
Yerxa, Fendall Winston	*Minneapolis, Minn.*	ΔΔΦ House
Zwahlen, Hartley	*Utica*	Risley House

Summary of Registration

Candidates for the Degree of A.M.	4
Seniors	80
Juniors	89
Sophomores	140
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Total	473

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